

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010519\
 Data File : VN053290.D
 Acq On : 4 Jan 2019 19:29
 Operator : MD\SY
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Jan 05 00:07:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 05 00:00:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	893341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1359371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1279799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	633083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1371120	152.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.76%	
35) Dibromofluoromethane	7.59	113	1200315	184.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	368.96%	
50) Toluene-d8	10.09	98	5075992	153.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.78%	
62) 4-Bromofluorobenzene	12.40	95	1846499	159.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1242892	139.247	ug/l	99
3) Chloromethane	2.06	50	1701183	155.577	ug/l	99
4) Vinyl Chloride	2.19	62	1601723	145.218	ug/l	100
5) Bromomethane	2.55	94	1074192	141.197	ug/l	99
6) Chloroethane	2.70	64	938490	144.116	ug/l	100
7) Trichlorofluoromethane	3.02	101	2017135	146.684	ug/l	100
8) Diethyl Ether	3.41	74	821002	156.903	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1278764	145.601	ug/l	100
10) Methyl Iodide	3.96	142	2027967	165.149	ug/l	100
11) Tert butyl alcohol	4.78	59	428297	766.096	ug/l	100
12) 1,1-Dichloroethene	3.74	96	1269655	149.718	ug/l	99
13) Acrolein	3.61	56	550081	1029.600	ug/l	99
14) Allyl chloride	4.33	41	2042655	155.180	ug/l	99
15) Acrylonitrile	4.99	53	2583966	826.529	ug/l	99
16) Acetone	3.81	43	1669920	894.073	ug/l	99
17) Carbon Disulfide	4.06	76	4009864	145.352	ug/l	100
18) Methyl Acetate	4.32	43	1227451	147.664	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	3600477	157.499	ug/l	99
20) Methylene Chloride	4.55	84	1465376	150.898	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	1368673	149.811	ug/l	99
22) Diisopropyl ether	5.95	45	4372167	154.739	ug/l	99
23) Vinyl Acetate	5.90	43	14362391	861.807	ug/l	99
24) 1,1-Dichloroethane	5.85	63	2526776	151.097	ug/l	100
25) 2-Butanone	6.83	43	2851537	918.592	ug/l	99
26) 2,2-Dichloropropane	6.83	77	1875552	147.952	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1563881	151.107	ug/l	99
28) Bromochloromethane	7.20	49	1090801	150.373	ug/l	99
29) Tetrahydrofuran	7.21	42	1896167	834.649	ug/l	100
30) Chloroform	7.37	83	2448976	149.199	ug/l	99
31) Cyclohexane	7.65	56	2380048	128.509	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	2109091	151.200	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1968707	151.079	ug/l	100
37) Ethyl Acetate	6.93	43	1280934	172.317	ug/l	99
38) Carbon Tetrachloride	7.78	117	1860465	155.872	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010519\
 Data File : VN053290.D
 Acq On : 4 Jan 2019 19:29
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 05 00:07:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 05 00:00:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2319329	147.270	ug/l	100
40) Benzene	8.04	78	5913425	152.070	ug/l	100
41) Methacrylonitrile	7.18	41	681054	161.032	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1731701	151.022	ug/l	100
43) Isopropyl Acetate	8.16	43	2322448	142.087	ug/l	99
44) Trichloroethene	8.84	130	1611805	144.764	ug/l	100
45) 1,2-Dichloropropane	9.12	63	1565700	154.614	ug/l	99
46) Dibromomethane	9.21	93	910178	153.891	ug/l	100
47) Bromodichloromethane	9.40	83	1925201	153.916	ug/l	100
48) Methyl methacrylate	9.20	41	1187169	165.983	ug/l	99
49) 1,4-Dioxane	9.20	88	242043	2696.833	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	6410411	884.866	ug/l	100
52) Toluene	10.16	92	3706318	153.752	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	2099168	159.849	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	2355768	156.368	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1325525	156.931	ug/l	99
56) Ethyl methacrylate	10.43	69	1902830	169.667	ug/l	100
57) 1,3-Dichloropropane	10.71	76	2280406	158.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	4996716	817.261	ug/l	100
59) 2-Hexanone	10.75	43	4429427	898.558	ug/l	99
60) Dibromochloromethane	10.90	129	1540838	160.091	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1386517	161.855	ug/l	99
64) Tetrachloroethene	10.63	164	1712491	126.131	ug/l	100
65) Chlorobenzene	11.43	112	4207575	148.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1495240	151.554	ug/l	100
67) Ethyl Benzene	11.51	91	7334280	150.430	ug/l	100
68) m/p-Xylenes	11.62	106	5559380	299.789	ug/l	99
69) o-Xylene	11.95	106	2707847	152.308	ug/l	99
70) Styrene	11.96	104	4517190	155.616	ug/l	100
71) Bromoform	12.13	173	1121136	157.707	ug/l #	99
73) Isopropylbenzene	12.25	105	7096083	143.527	ug/l	100
74) N-amyl acetate	12.07	43	2200529	158.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1576861	158.424	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	2192395	209.775	ug/l #	100
77) Bromobenzene	12.53	156	1889131	146.767	ug/l	100
78) n-propylbenzene	12.59	91	8211221	145.867	ug/l	99
79) 2-Chlorotoluene	12.68	91	4813212	137.857	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	5823739	144.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	540577	163.802	ug/l	97
82) 4-Chlorotoluene	12.77	91	5029155	147.052	ug/l	100
83) tert-Butylbenzene	12.99	119	5023915	141.320	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	5987344	147.891	ug/l	100
85) sec-Butylbenzene	13.17	105	6779222	141.274	ug/l	100
86) p-Isopropyltoluene	13.29	119	6024014	145.271	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	3351505	147.344	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	3321445	144.077	ug/l	99
89) n-Butylbenzene	13.62	91	5162065	144.973	ug/l	100
90) Hexachloroethane	13.88	117	1023527	159.971	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	3041937	141.963	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	196788	120.278	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010519\
Data File : VN053290.D
Acq On : 4 Jan 2019 19:29
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Jan 05 00:07:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 05 00:00:09 2019
Response via : Initial Calibration

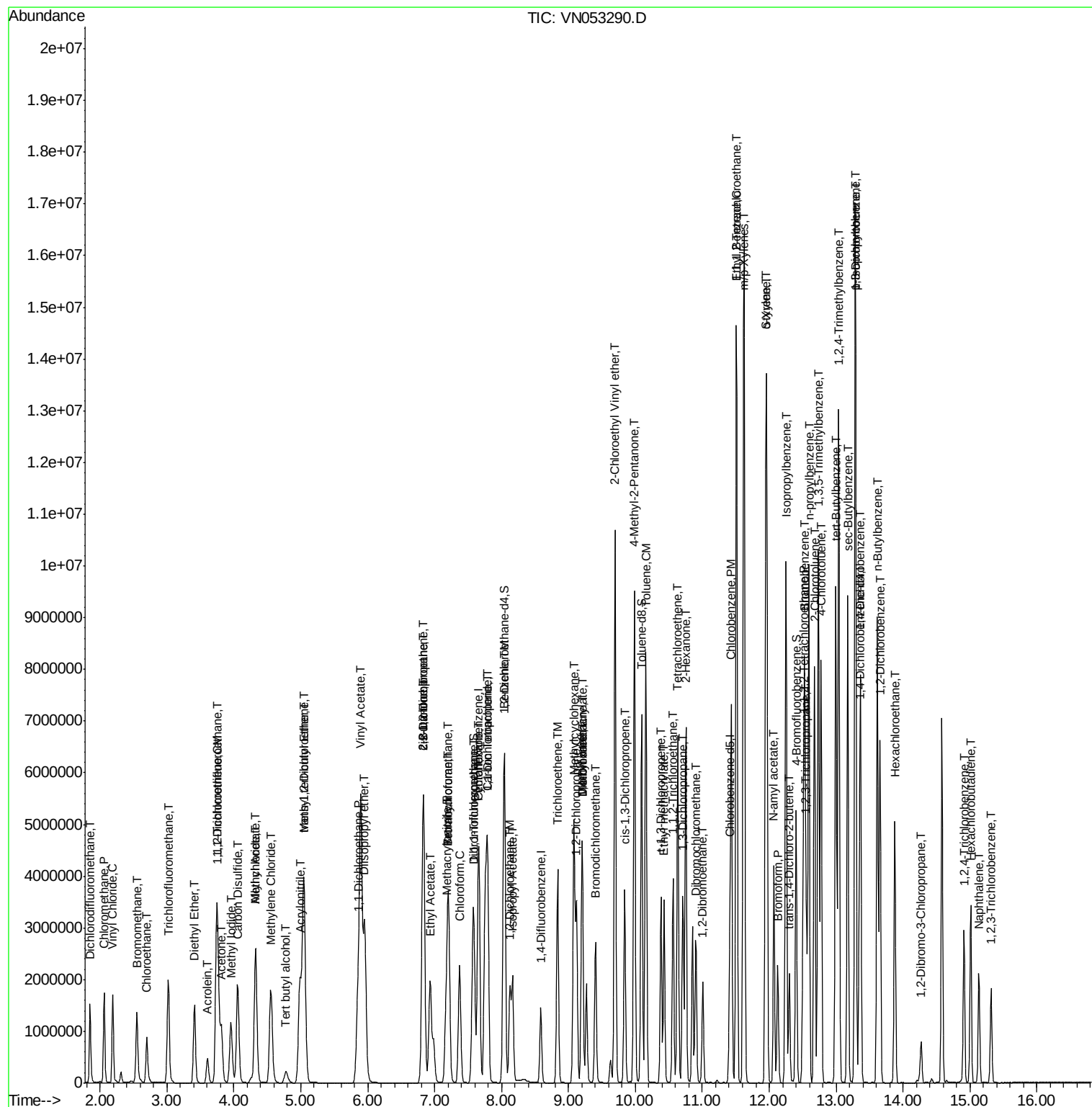
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1043991	86.556	ug/l	100
94) Hexachlorobutadiene	15.01	225	747677	102.399	ug/l	99
95) Naphthalene	15.13	128	1874150	71.639	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	691275	63.088	ug/l	99

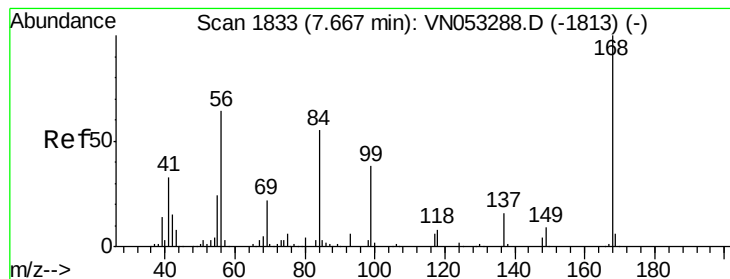
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010519\
Data File : VN053290.D
Acq On : 4 Jan 2019 19:29
Operator : MD\SY
Sample : VSTDIC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Quant Time: Jan 05 00:07:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 05 00:00:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

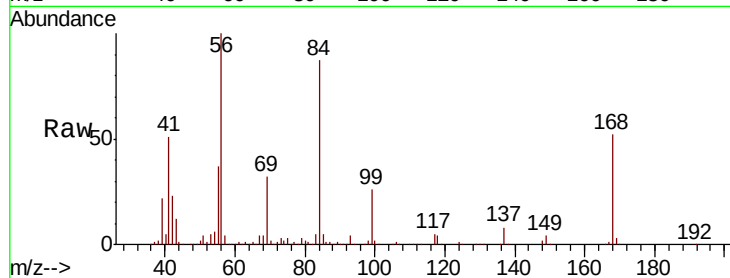
VSTDIC150

Tgt Ion:168 Resp: 893341

Ion Ratio Lower Upper

168 100

99 49.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

600000

500000

400000

300000

200000

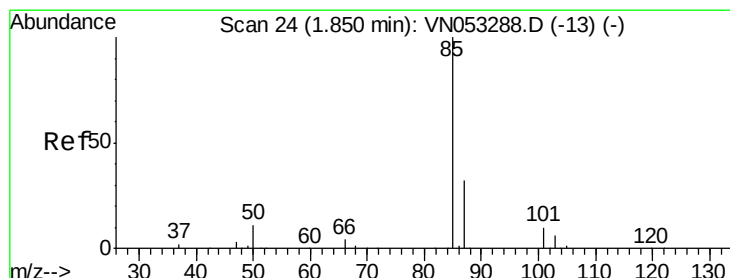
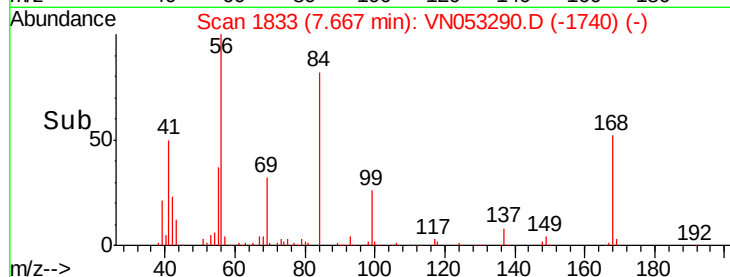
100000

0

7.60 7.65 7.70 7.75

7.67

Time-->



#2

Dichlorodifluoromethane

Concen: 139.247 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053290.D

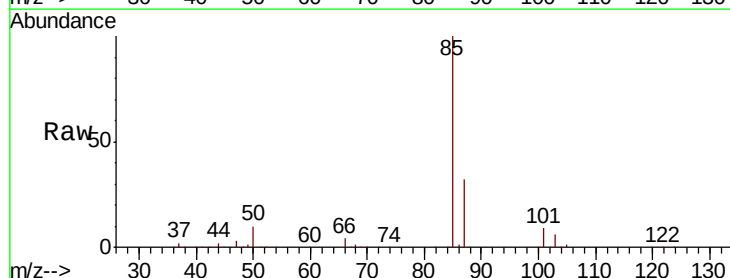
Acq: 4 Jan 2019 19:29

Tgt Ion: 85 Resp: 1242892

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN053288.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN053288.D (-13) (-)

1000000

800000

600000

400000

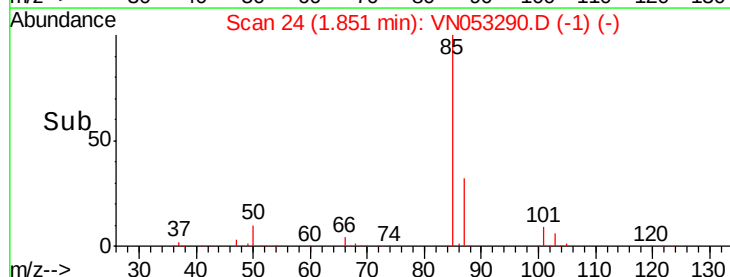
200000

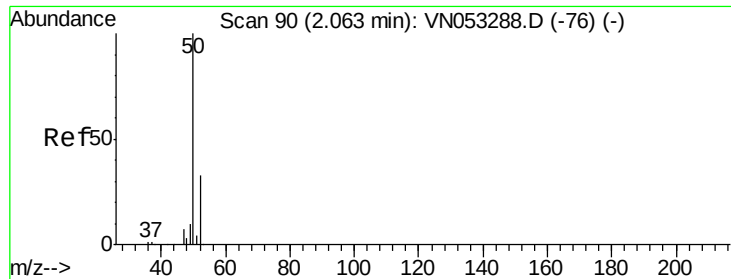
0

1.80 1.85 1.90 1.95 2.00

1.85

Time-->





#3

Chloromethane

Concen: 155.577 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

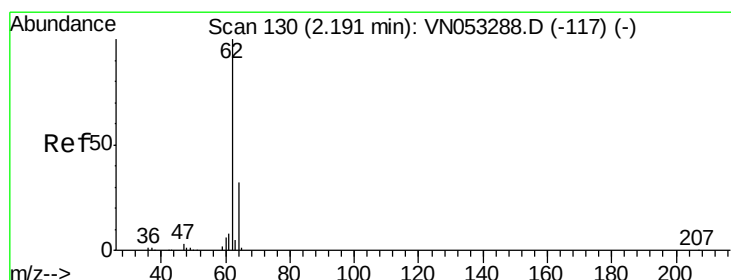
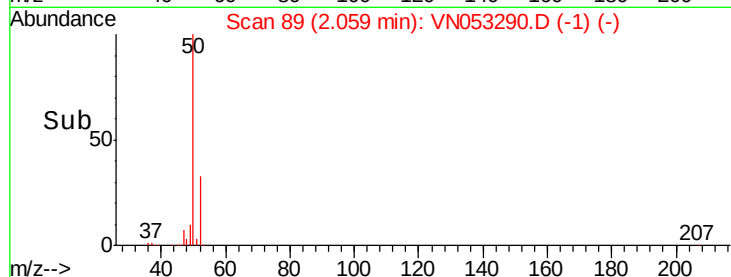
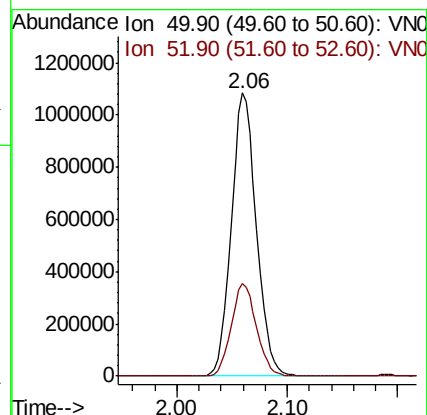
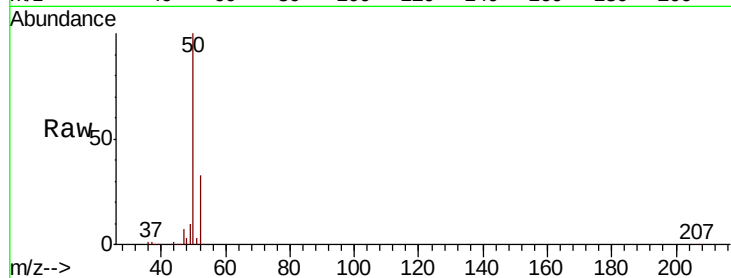
VSTDIC150

Tgt Ion: 50 Resp: 1701183

Ion Ratio Lower Upper

50 100

52 32.7 26.6 40.0



#4

Vinyl Chloride

Concen: 145.218 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053290.D

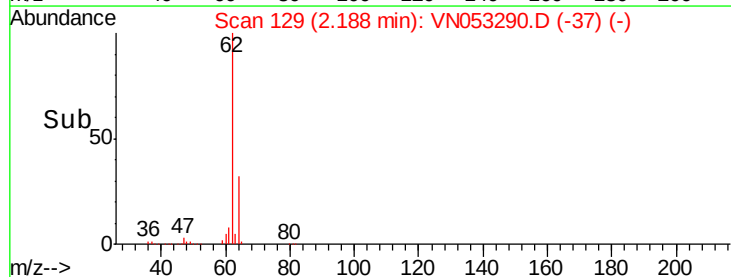
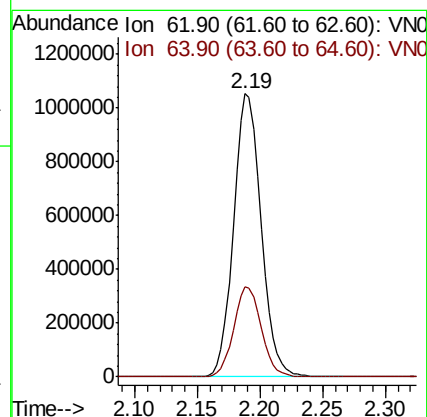
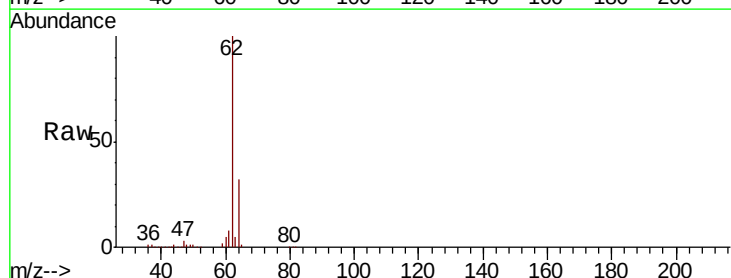
Acq: 4 Jan 2019 19:29

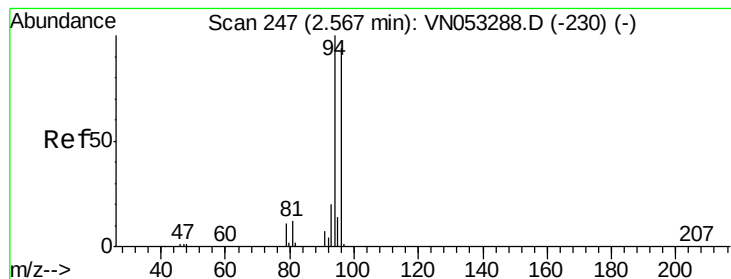
Tgt Ion: 62 Resp: 1601723

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 141.197 ug/l

RT: 2.55 min Scan# 242

Delta R.T. -0.02 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampled :

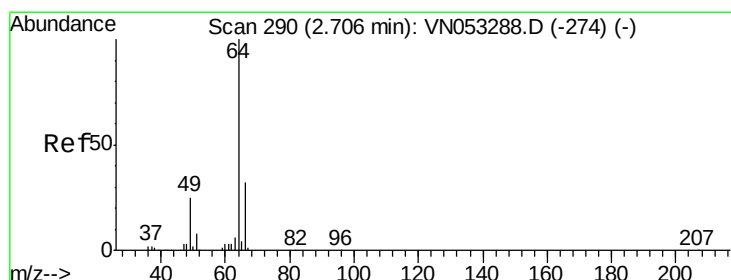
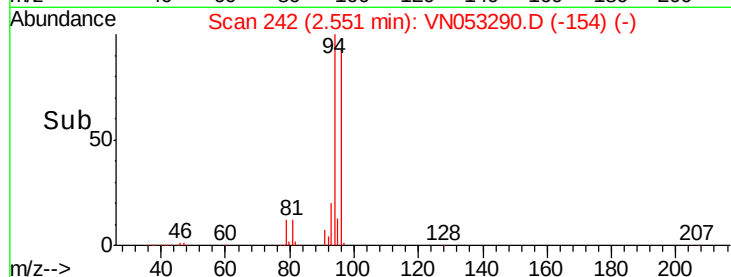
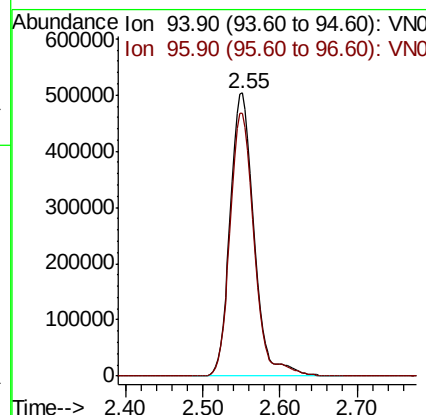
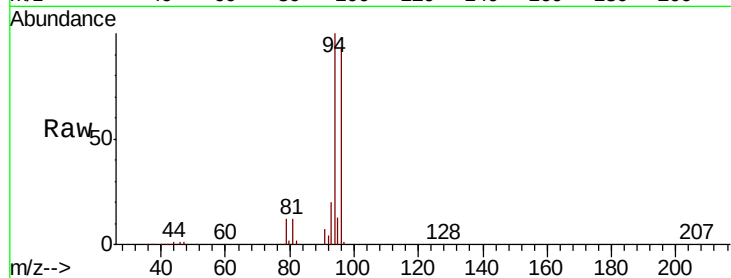
VSTDIC150

Tgt Ion: 94 Resp: 1074192

Ion Ratio Lower Upper

94 100

96 92.8 74.9 112.3



#6

Chloroethane

Concen: 144.116 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN053290.D

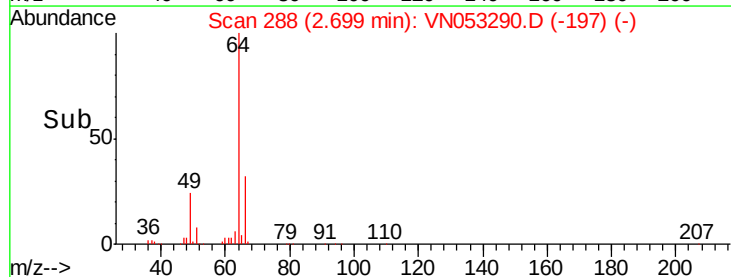
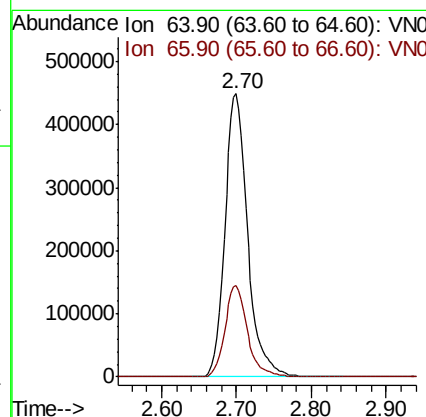
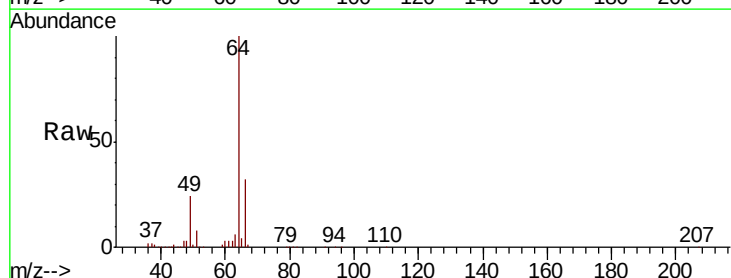
Acq: 4 Jan 2019 19:29

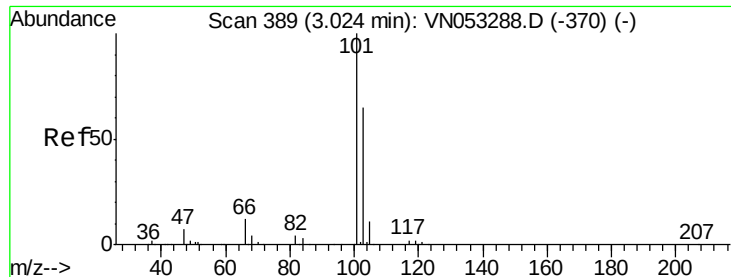
Tgt Ion: 64 Resp: 938490

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4



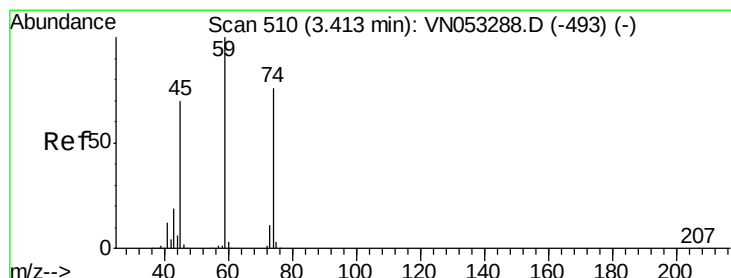
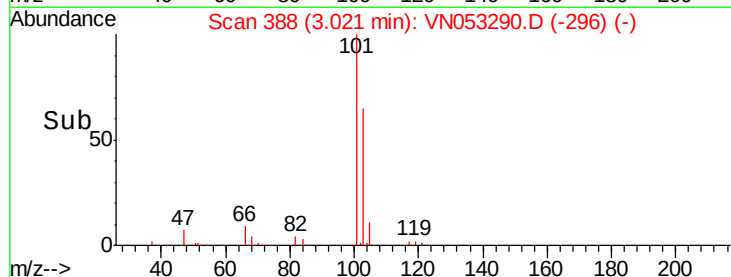
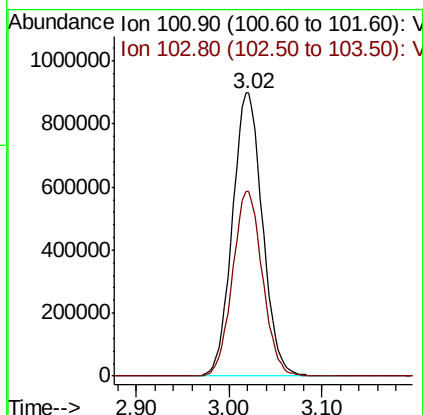
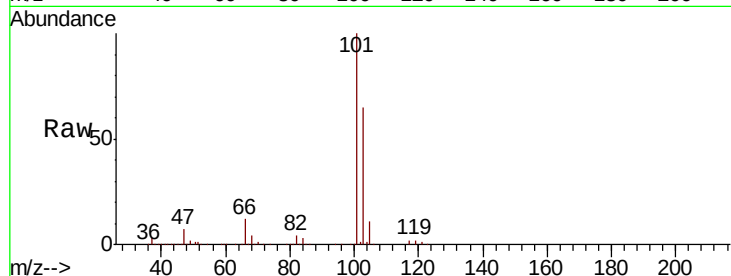


#7

Trichlorofluoromethane
 Concen: 146.684 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

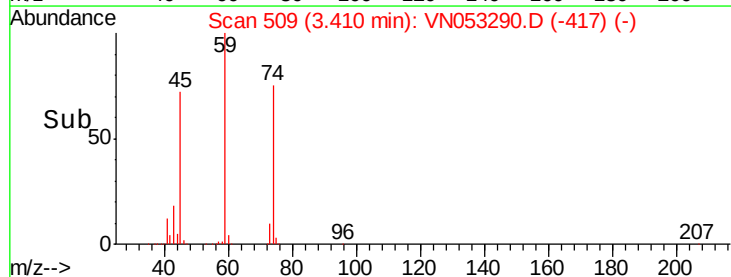
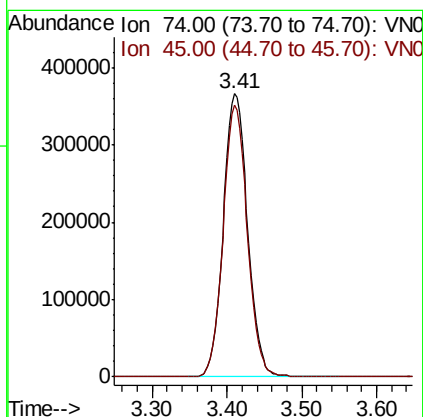
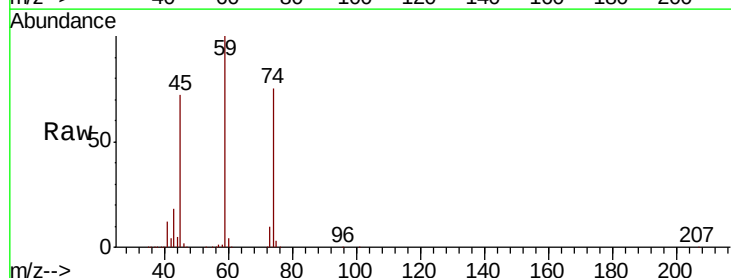
Tgt Ion:101 Resp: 2017135
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.1 78.1

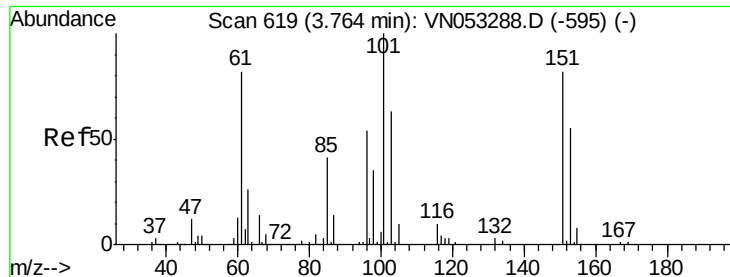


#8

Diethyl Ether
 Concen: 156.903 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Tgt Ion: 74 Resp: 821002
 Ion Ratio Lower Upper
 74 100
 45 95.1 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 145.601 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

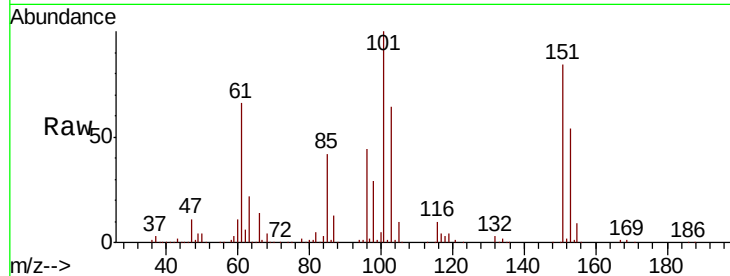
Tgt Ion:101 Resp: 1278764

Ion Ratio Lower Upper

101 100

85 41.2 33.3 49.9

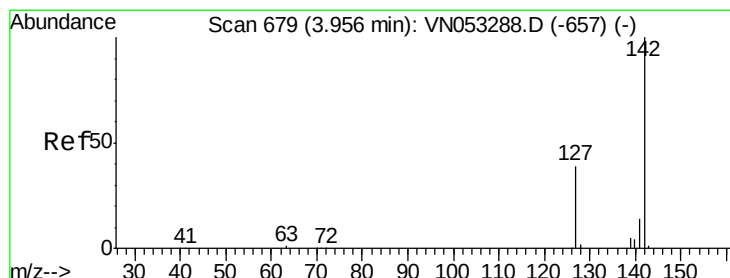
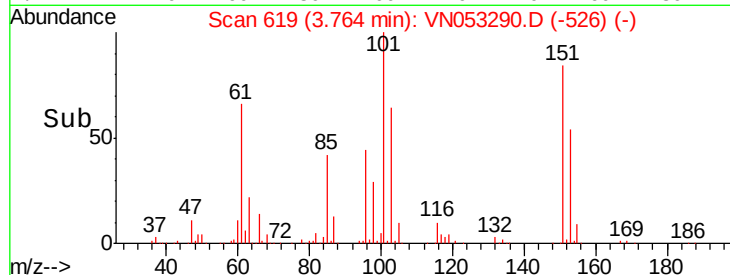
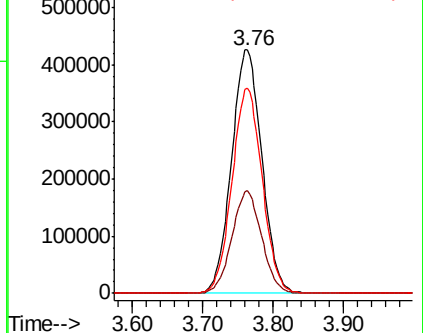
151 83.9 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 165.149 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

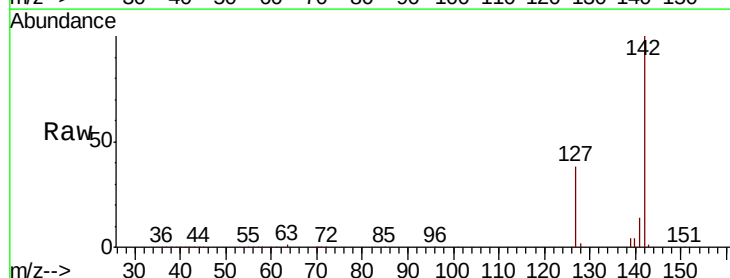
Tgt Ion:142 Resp: 2027967

Ion Ratio Lower Upper

142 100

127 38.3 30.9 46.3

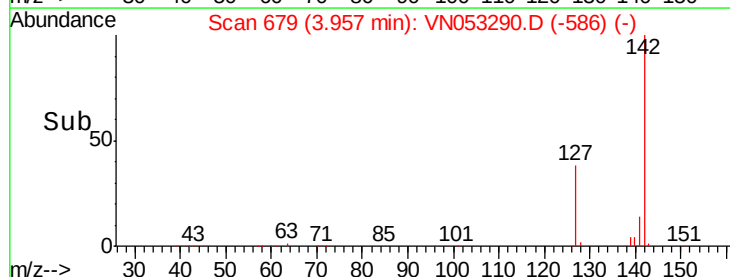
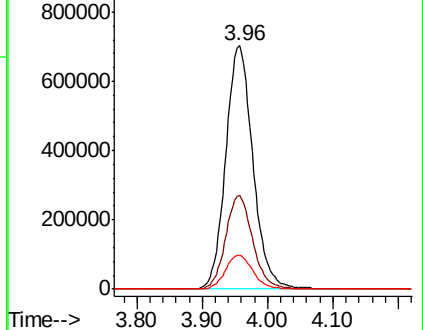
141 14.2 11.2 16.8

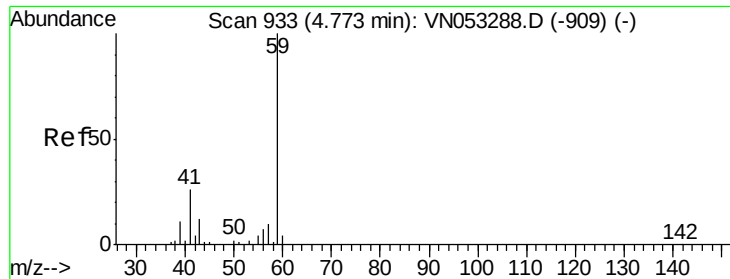


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

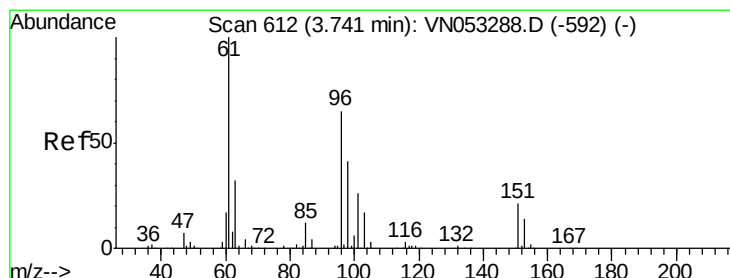
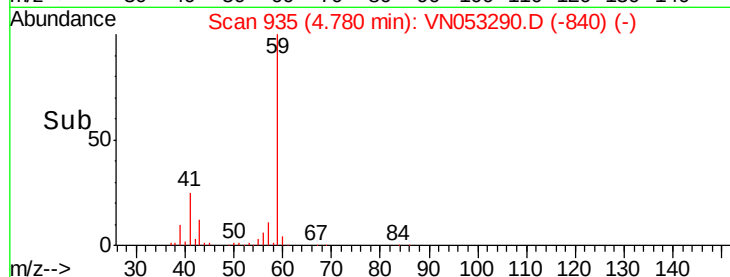
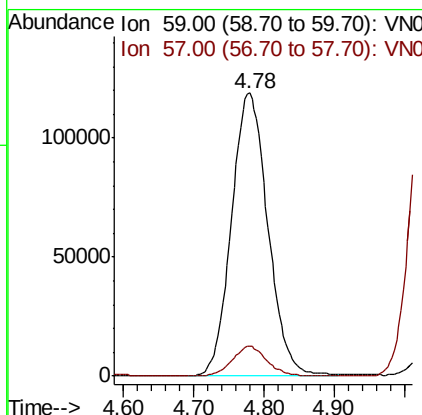
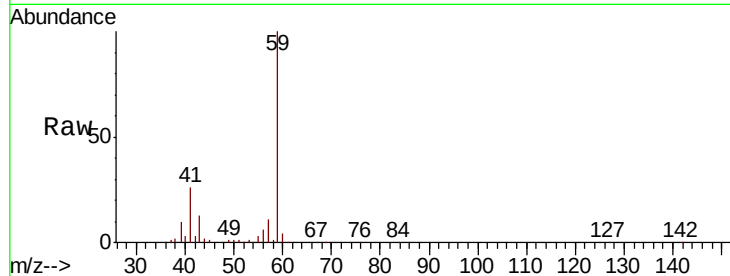




#11
Tert butyl alcohol
Concen: 766.096 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

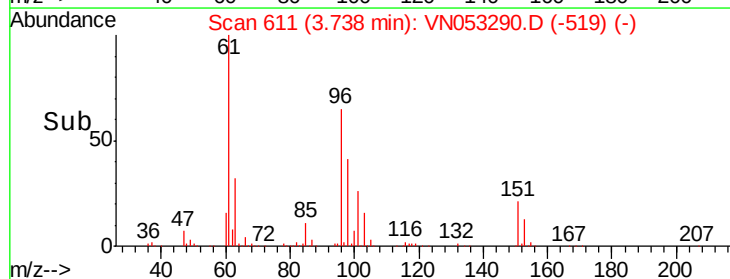
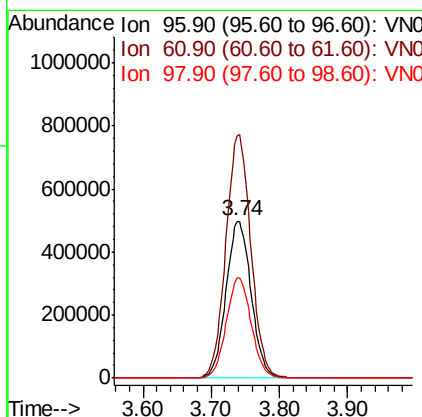
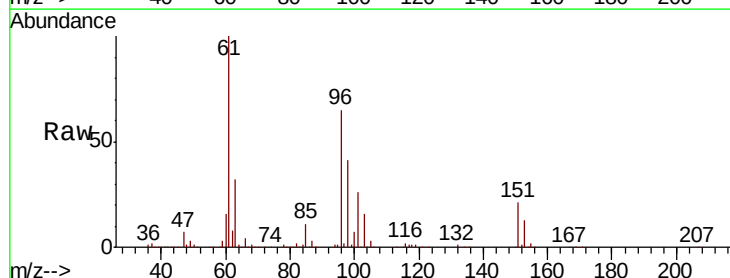
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

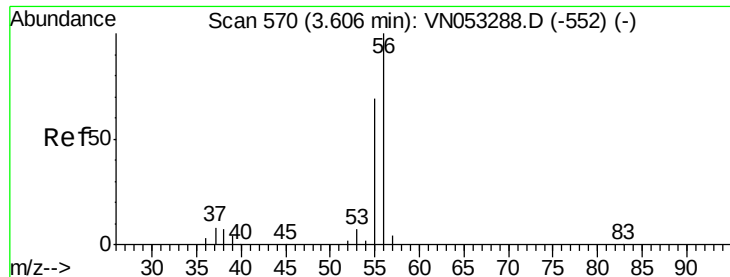
Tgt Ion: 59 Resp: 428297
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 149.718 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion: 96 Resp: 1269655
Ion Ratio Lower Upper
96 100
61 154.9 123.2 184.8
98 63.9 50.5 75.7

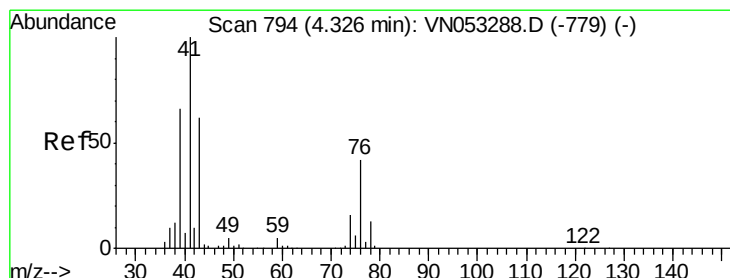
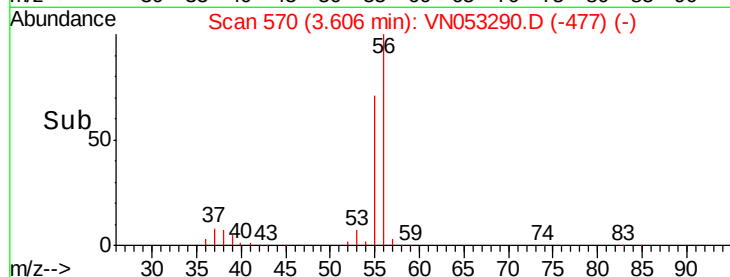
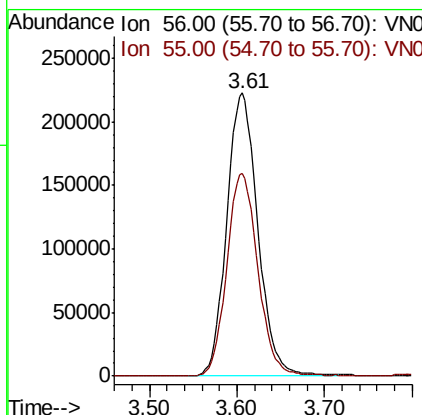
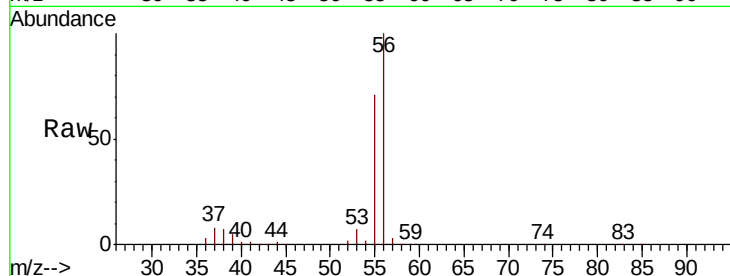




#13
Acrolein
Concen: 1029.600 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

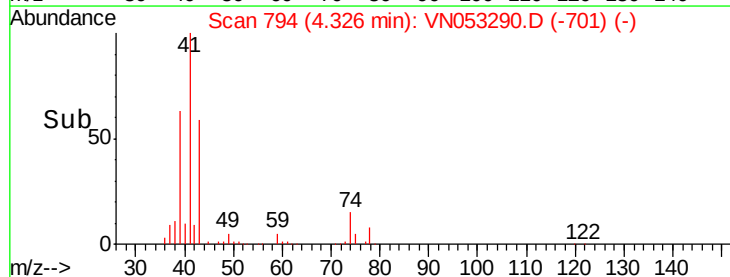
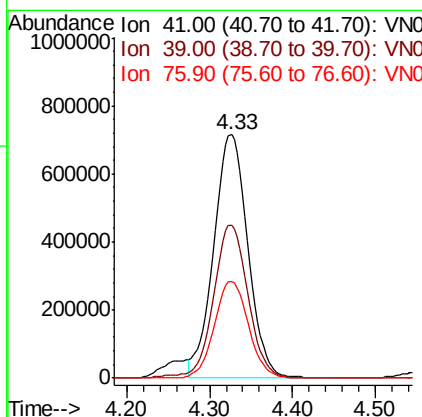
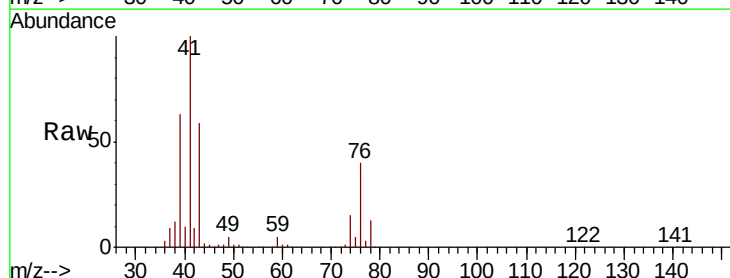
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

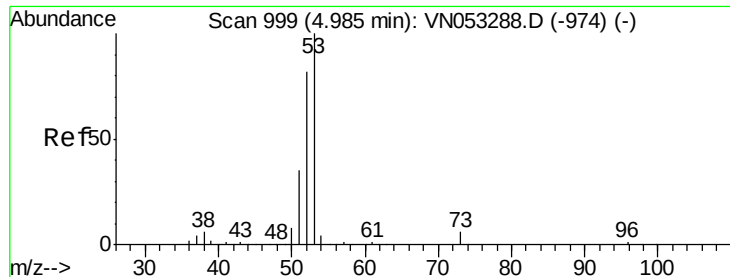
Tgt Ion: 56 Resp: 550081
Ion Ratio Lower Upper
56 100
55 71.4 56.3 84.5



#14
Allyl chloride
Concen: 155.180 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion: 41 Resp: 2042655
Ion Ratio Lower Upper
41 100
39 64.2 51.9 77.9
76 39.4 31.2 46.8





#15

Acrylonitrile

Concen: 826.529 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

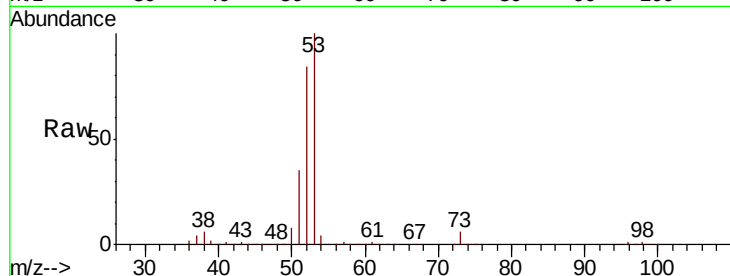
Tgt Ion: 53 Resp: 2583966

Ion Ratio Lower Upper

53 100

52 82.2 65.2 97.8

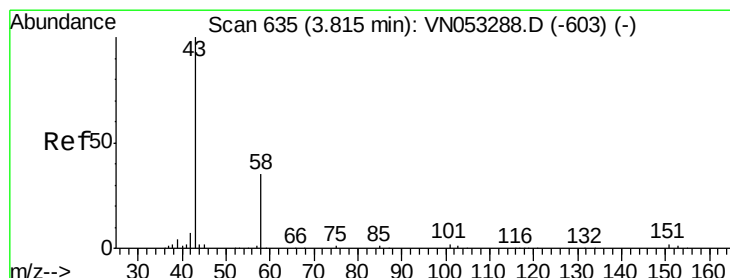
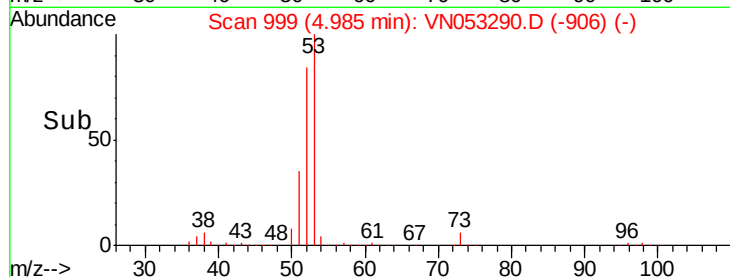
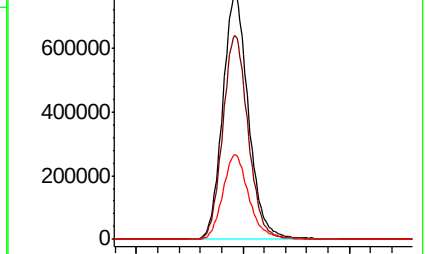
51 35.2 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN053288.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN053288.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN053288.D (-974) (-)



#16

Acetone

Concen: 894.073 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN053290.D

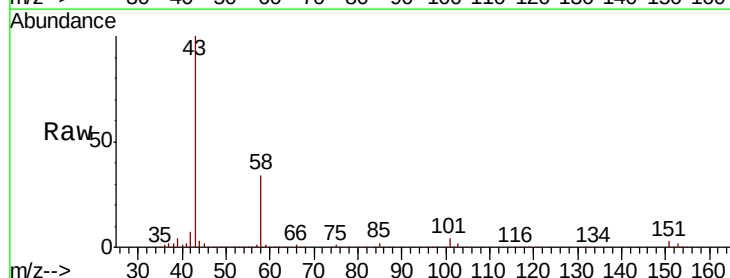
Acq: 4 Jan 2019 19:29

Tgt Ion: 43 Resp: 1669920

Ion Ratio Lower Upper

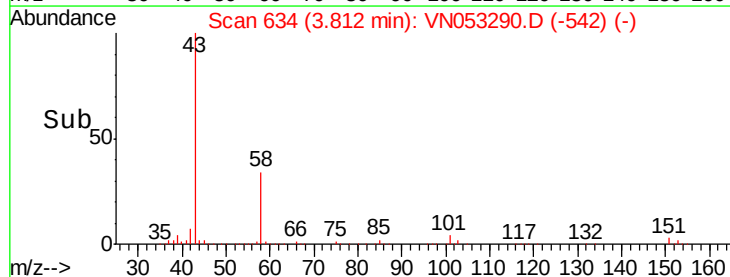
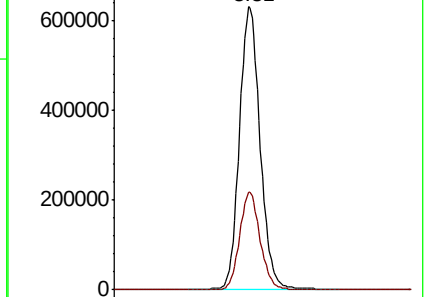
43 100

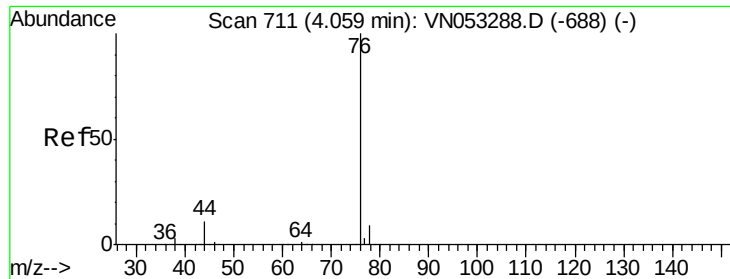
58 34.3 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-603) (-)

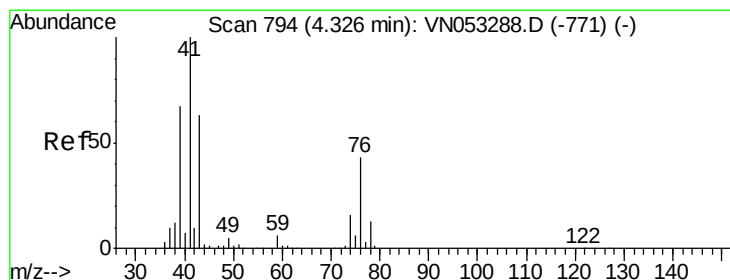
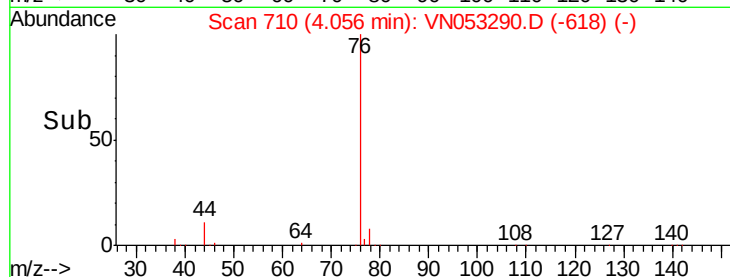
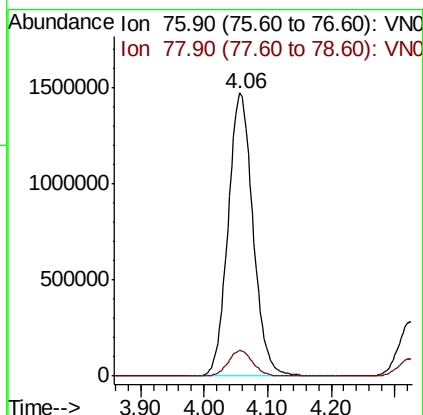
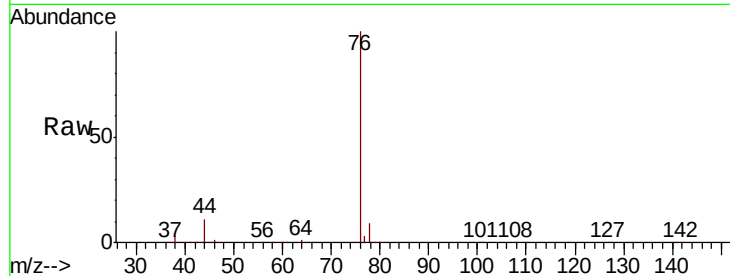




#17
Carbon Disulfide
Concen: 145.352 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

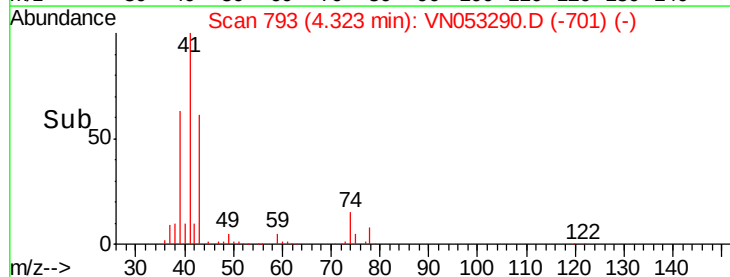
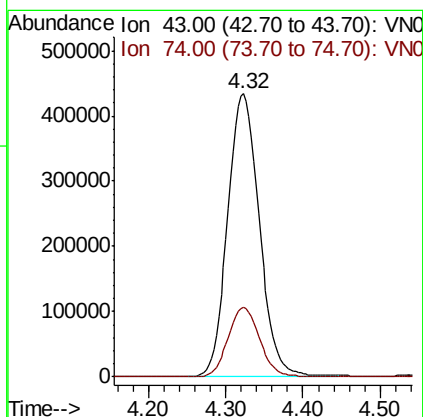
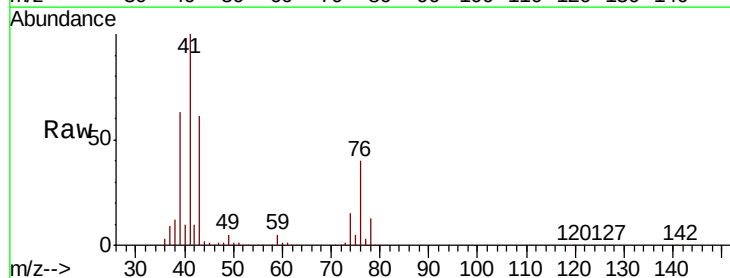
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

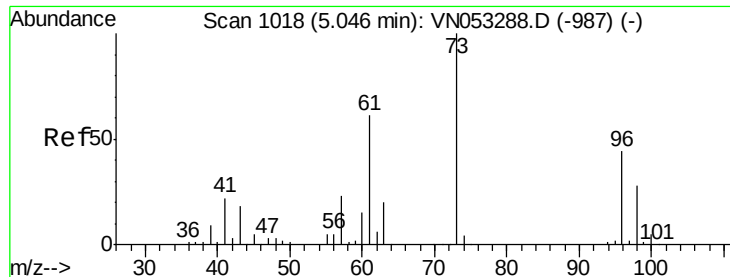
Tgt Ion: 76 Resp: 4009864
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 147.664 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion: 43 Resp: 1227451
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.8

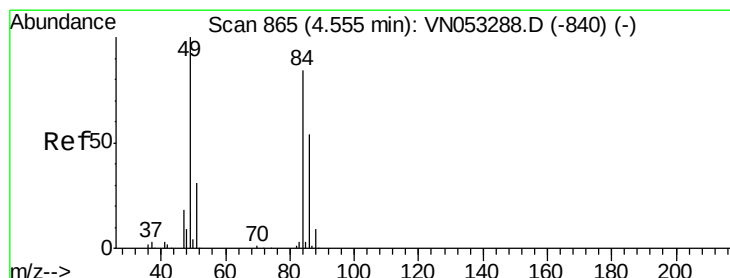
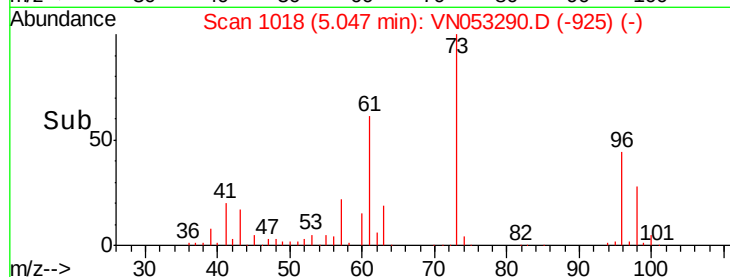
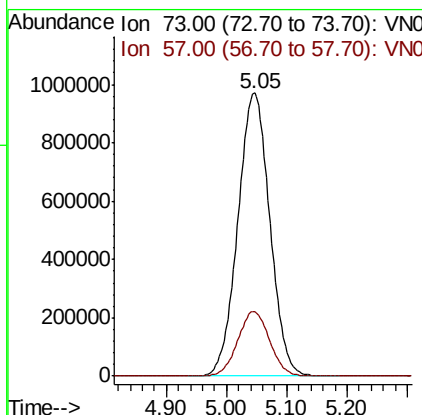
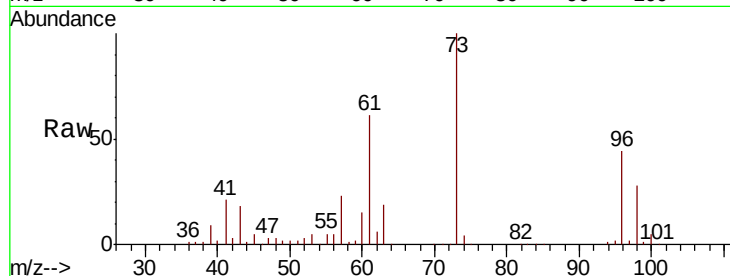




#19
Methyl tert-butyl Ether
Concen: 157.499 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

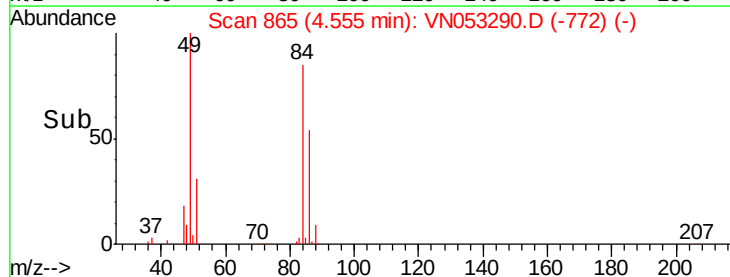
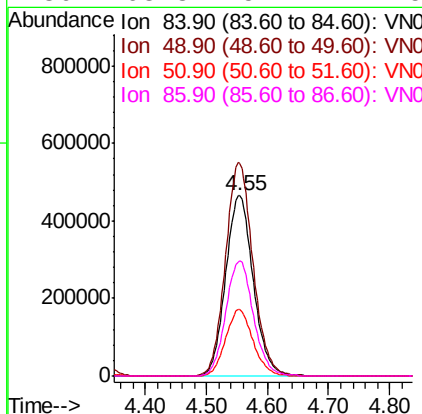
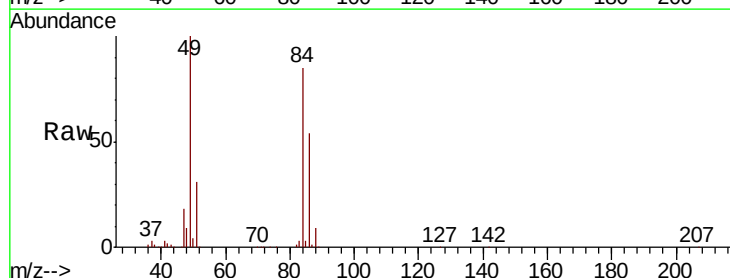
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

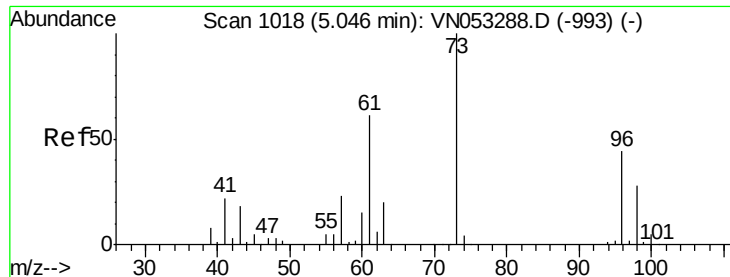
Tgt Ion: 73 Resp: 3600477
Ion Ratio Lower Upper
73 100
57 22.9 18.5 27.7



#20
Methylene Chloride
Concen: 150.898 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion: 84 Resp: 1465376
Ion Ratio Lower Upper
84 100
49 118.0 95.3 142.9
51 36.8 29.0 43.6
86 63.8 51.7 77.5

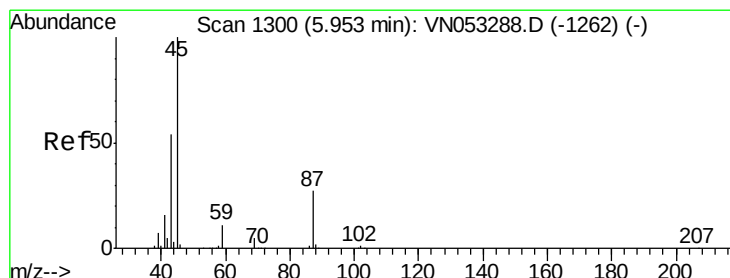
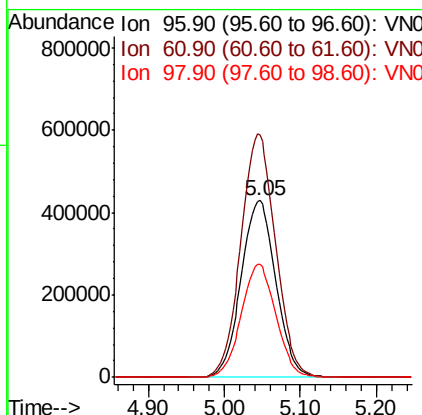
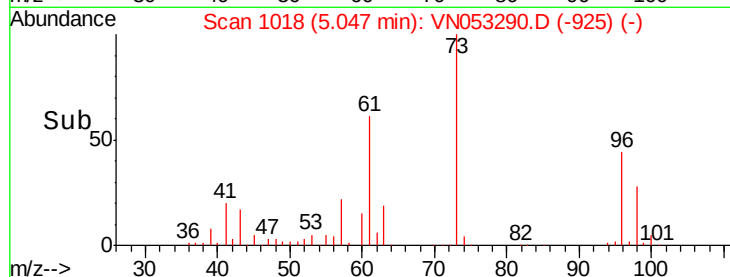
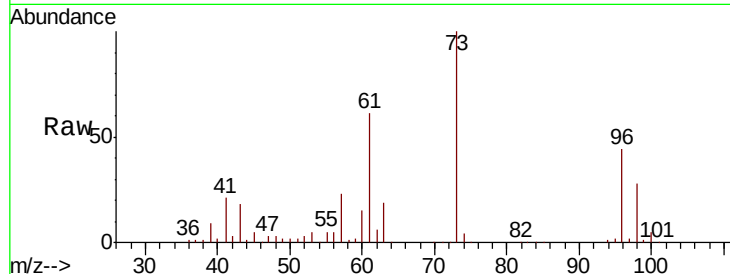




#21
trans-1,2-Dichloroethene
Concen: 149.811 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

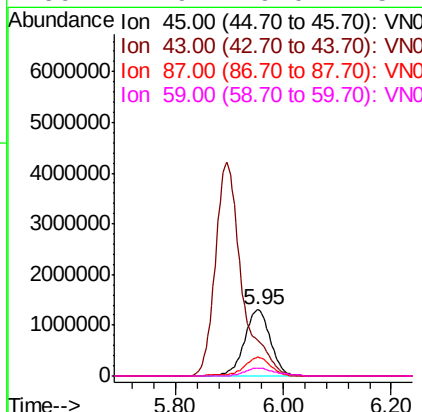
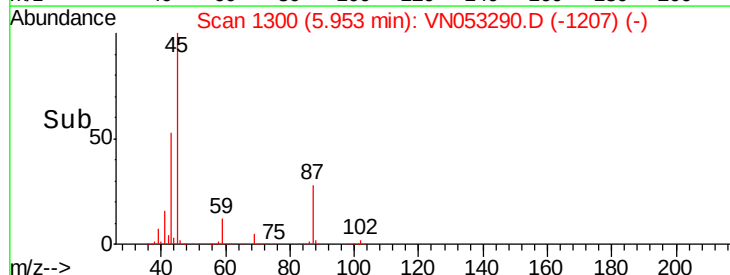
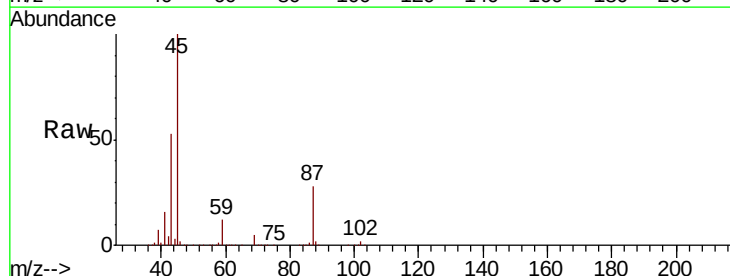
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

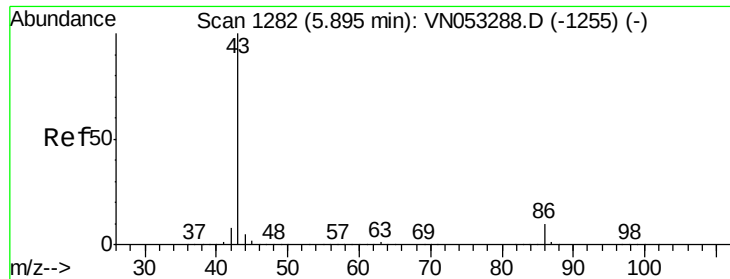
Tgt Ion: 96 Resp: 1368673
Ion Ratio Lower Upper
96 100
61 137.3 110.2 165.4
98 64.1 50.7 76.1



#22
Diisopropyl ether
Concen: 154.739 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion: 45 Resp: 4372167
Ion Ratio Lower Upper
45 100
43 52.8 43.0 64.6
87 28.1 22.1 33.1
59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 861.807 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

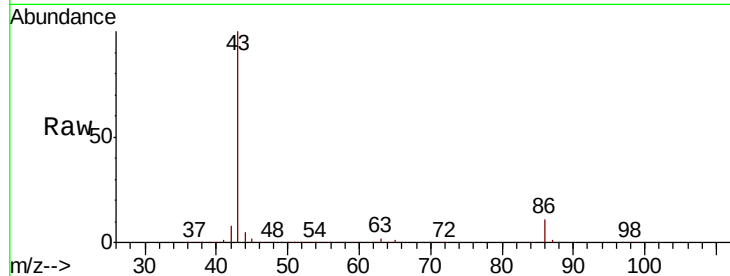
VSTDIC150

Tgt Ion: 43 Resp:14362391

Ion Ratio Lower Upper

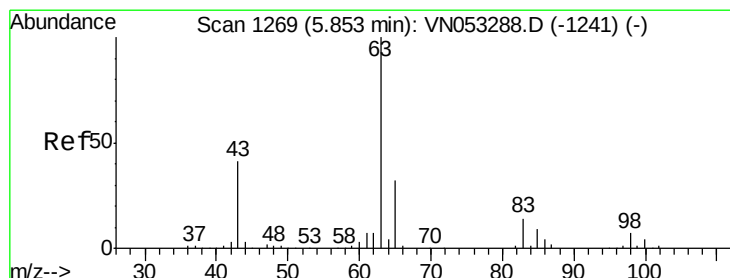
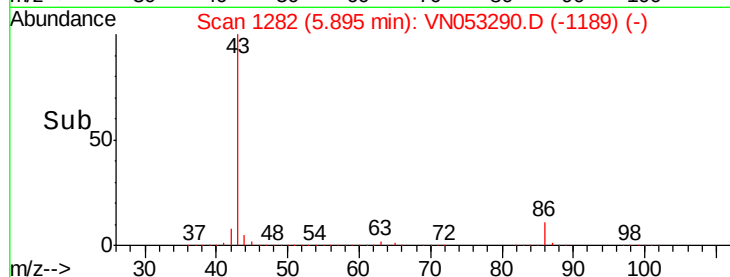
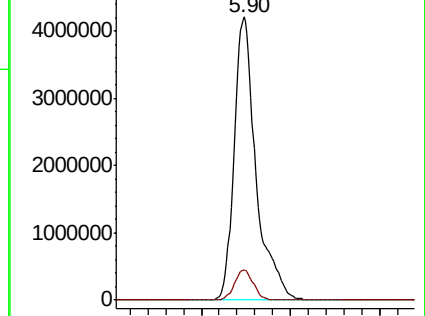
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1255) (-)

Ion 86.00 (85.70 to 86.70): VN053288.D (-1255) (-)



#24

1,1-Dichloroethane

Concen: 151.097 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

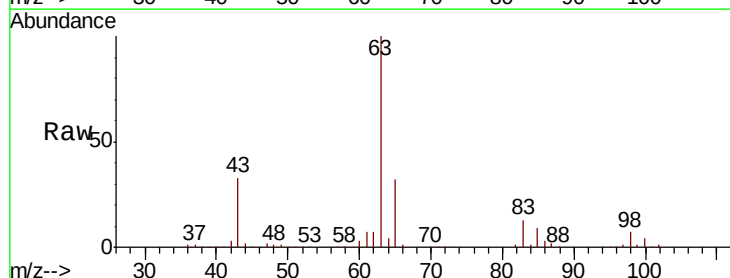
Tgt Ion: 63 Resp: 2526776

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

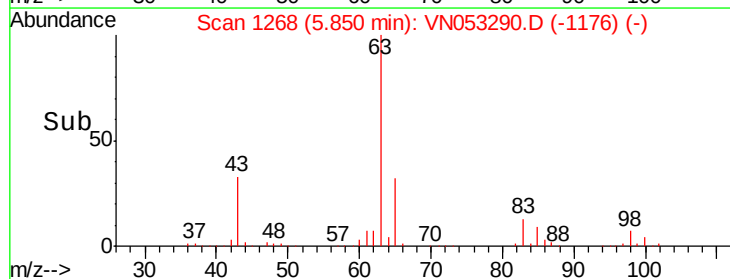
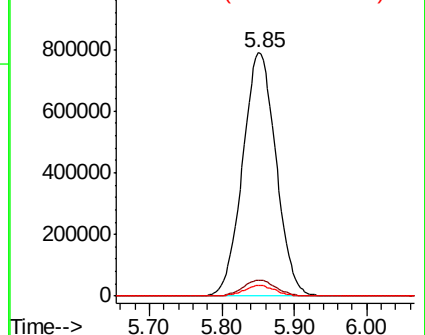
100 4.3 2.1 6.5

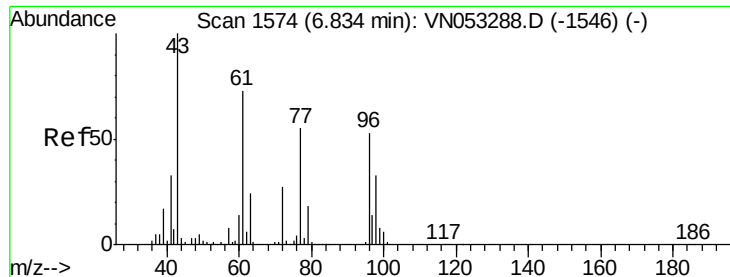


Abundance Ion 62.90 (62.60 to 63.60): VN053288.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN053288.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN053288.D (-1241) (-)





#25

2-Butanone

Concen: 918.592 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampled :

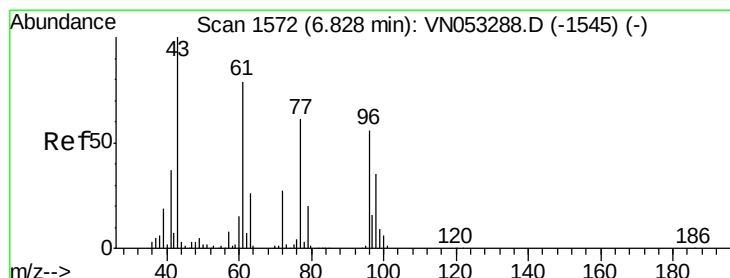
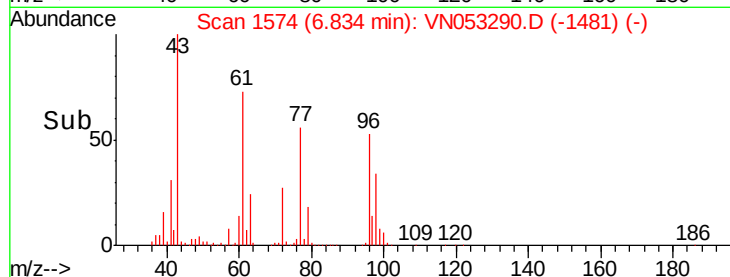
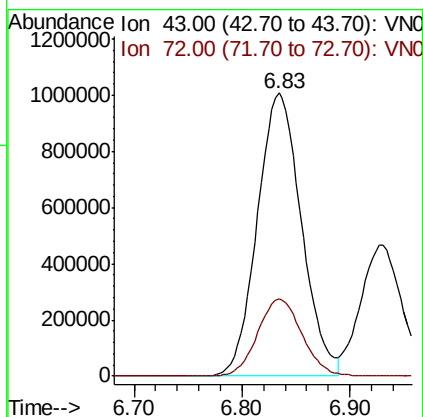
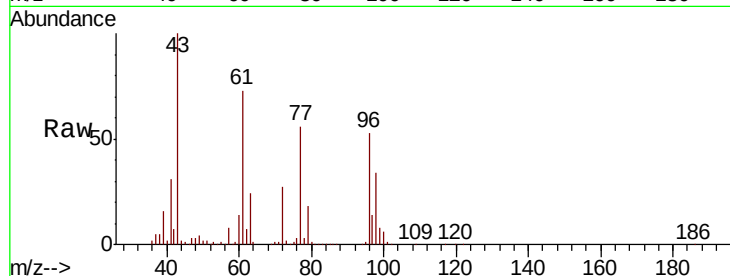
VSTDIC150

Tgt Ion: 43 Resp: 2851537

Ion Ratio Lower Upper

43 100

72 27.2 22.0 33.0



#26

2,2-Dichloropropane

Concen: 147.952 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053290.D

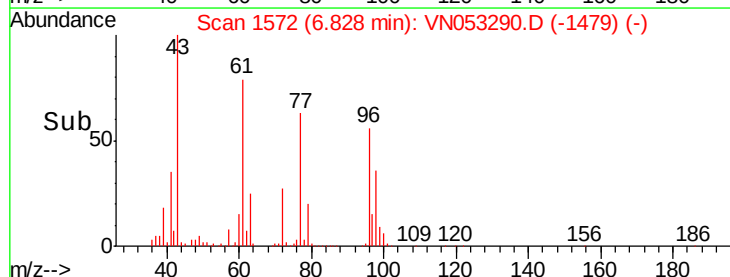
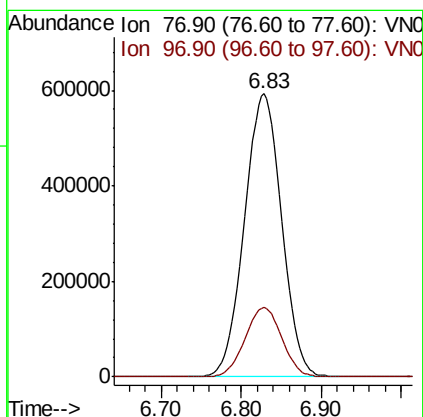
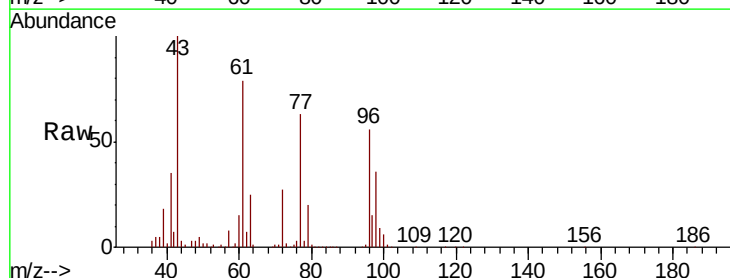
Acq: 4 Jan 2019 19:29

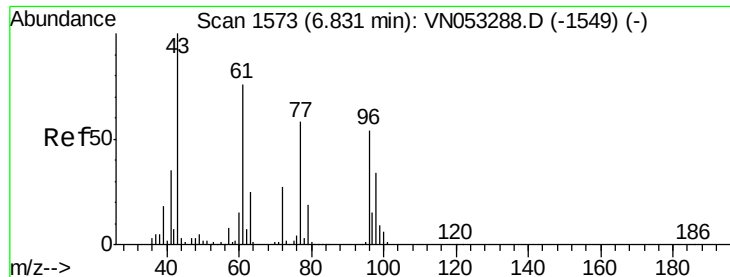
Tgt Ion: 77 Resp: 1875552

Ion Ratio Lower Upper

77 100

97 24.3 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 151.107 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

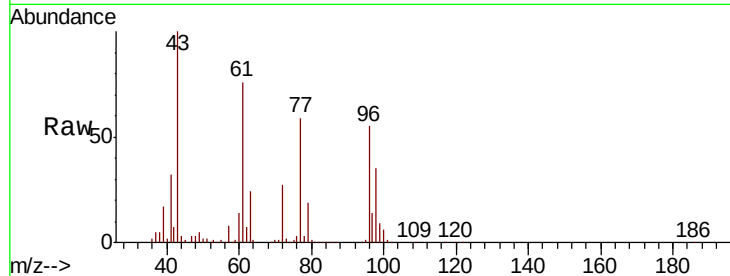
Tgt Ion: 96 Resp: 1563881

Ion Ratio Lower Upper

96 100

61 141.7 0.0 280.6

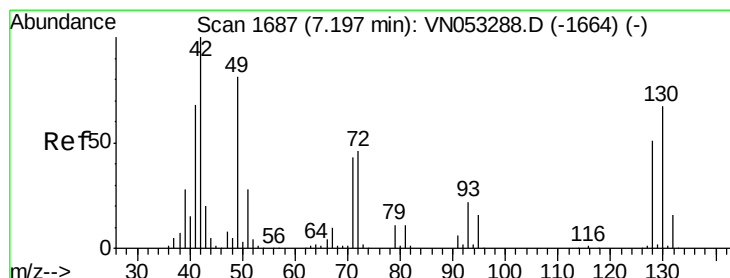
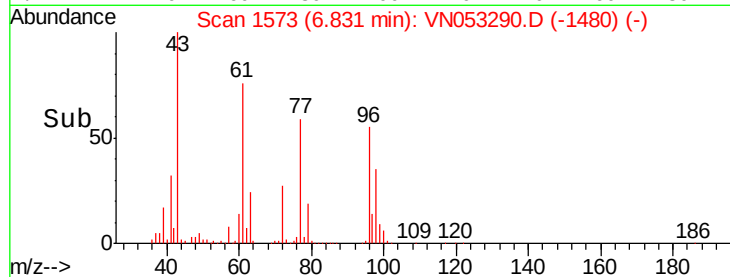
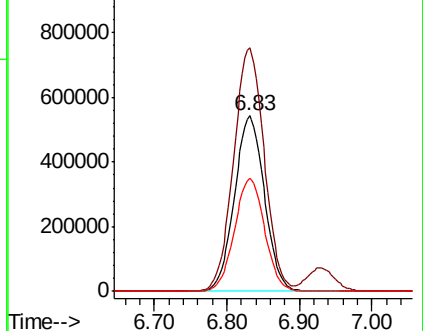
98 64.6 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN053288.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN053288.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN053288.D (-1549) (-)



#28

Bromochloromethane

Concen: 150.373 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

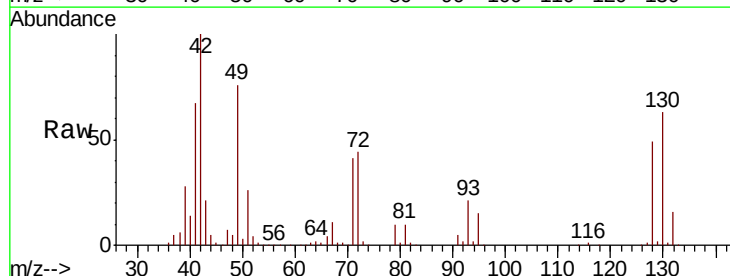
Tgt Ion: 49 Resp: 1090801

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

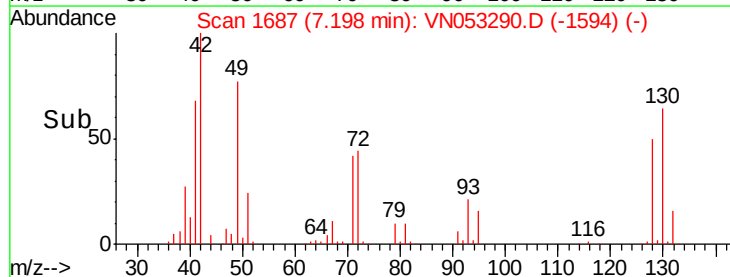
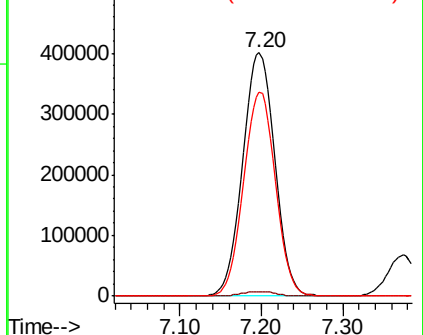
130 82.9 65.4 98.0

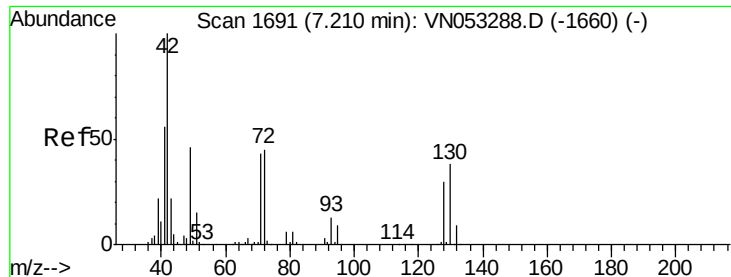


Abundance Ion 48.90 (48.60 to 49.60): VN053288.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN053288.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN053288.D (-1664) (-)

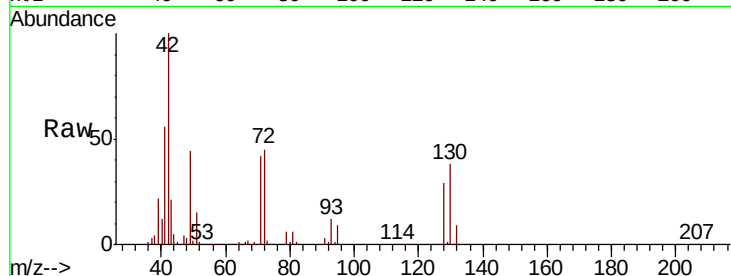




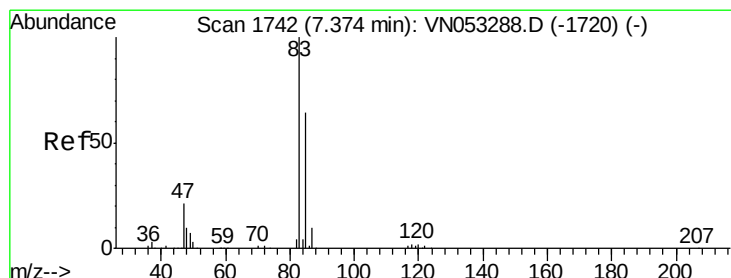
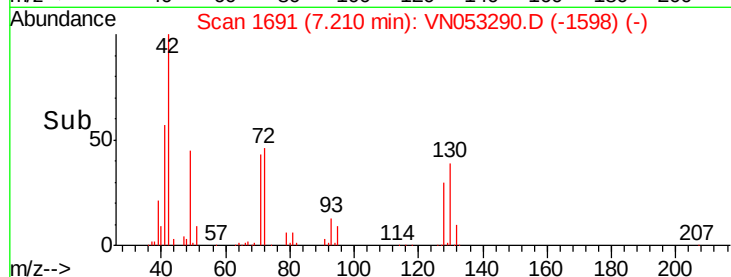
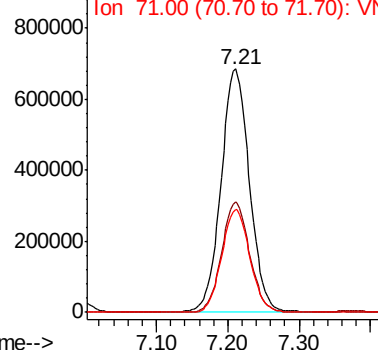
#29
Tetrahydrofuran
Concen: 834.649 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 1896167
Ion Ratio Lower Upper
42 100
72 44.6 35.6 53.4
71 41.9 33.8 50.8

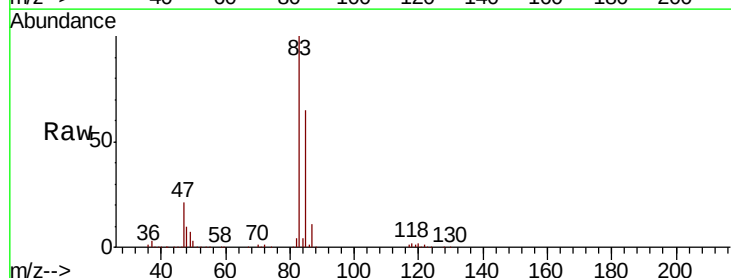


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

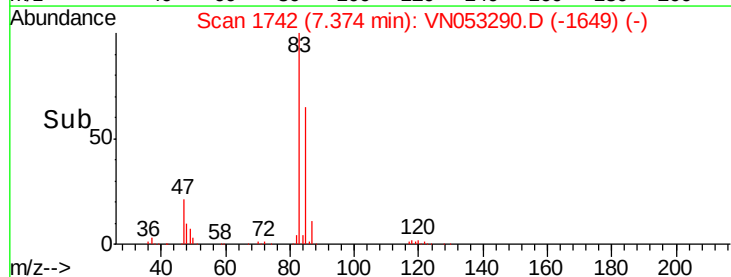
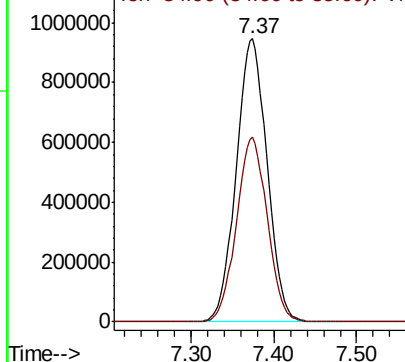


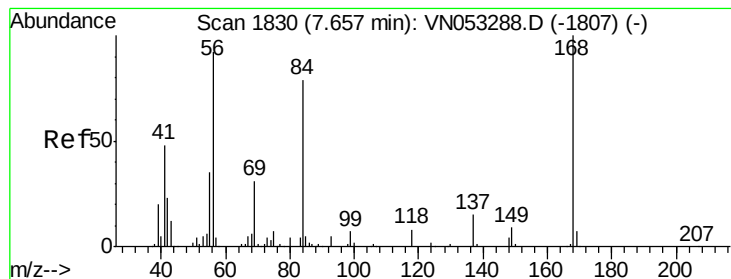
#30
Chloroform
Concen: 149.199 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion: 83 Resp: 2448976
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 128.509 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

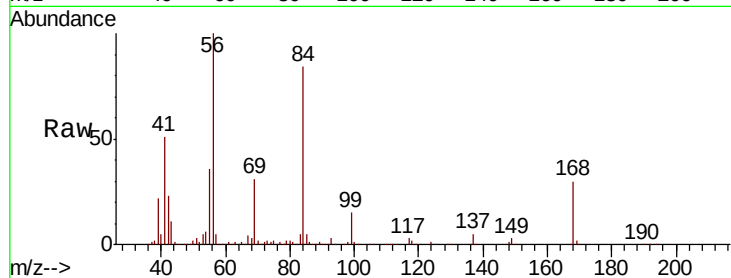
Tgt Ion: 56 Resp: 2380048

Ion Ratio Lower Upper

56 100

69 30.9 26.7 40.1

84 83.1 68.2 102.4

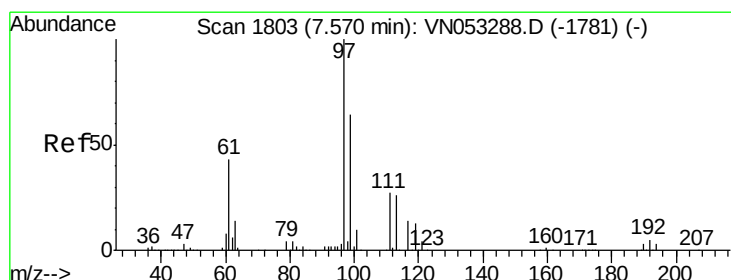
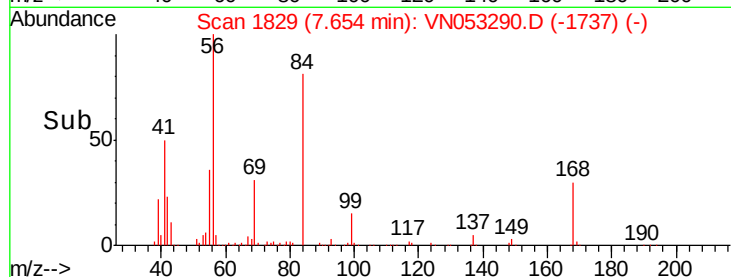
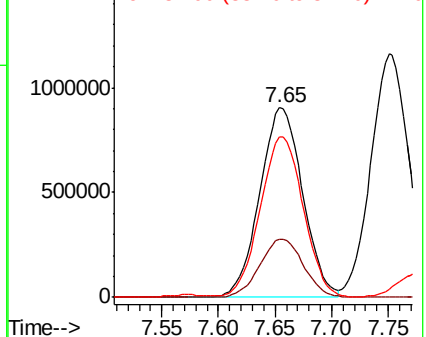


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 151.200 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

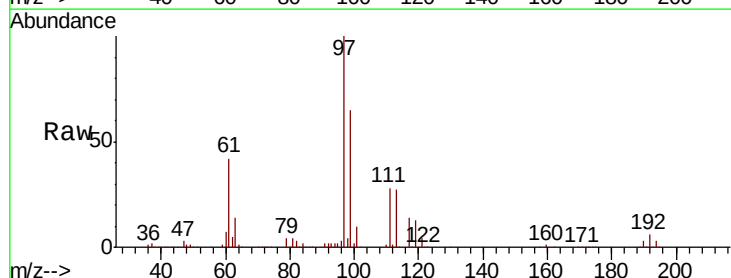
Tgt Ion: 97 Resp: 2109091

Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 42.3 34.6 52.0

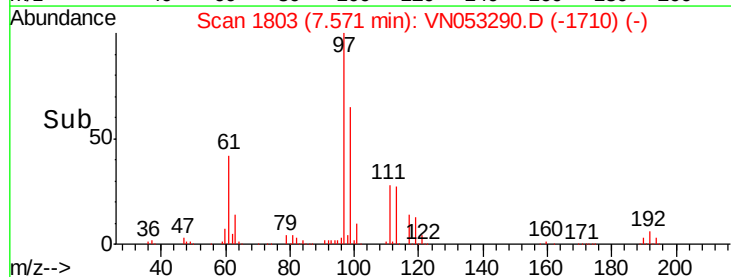
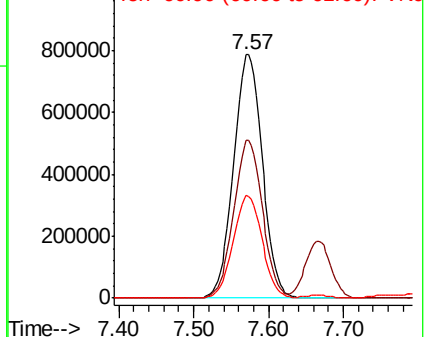


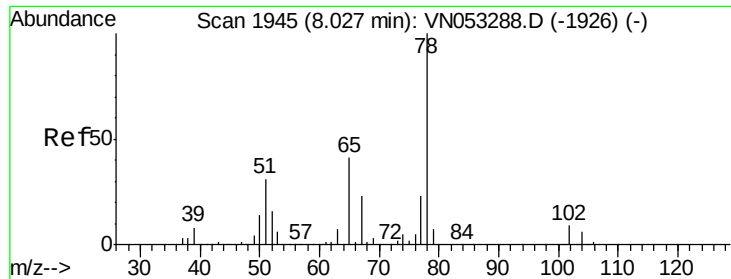
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

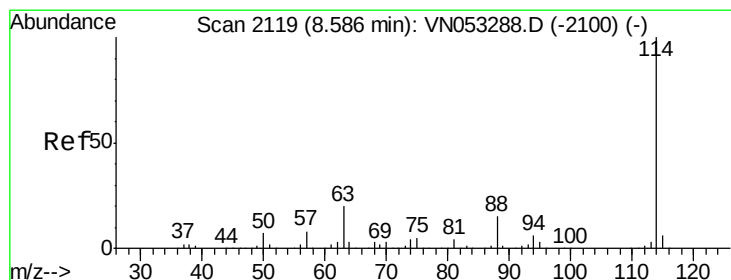
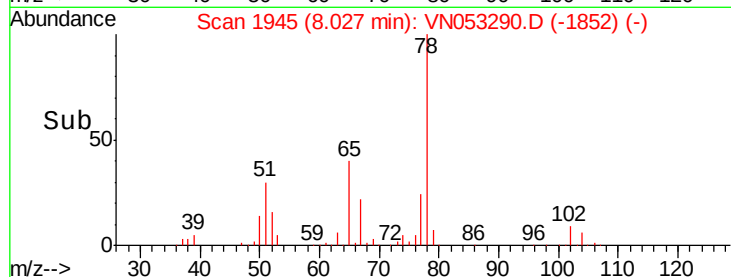
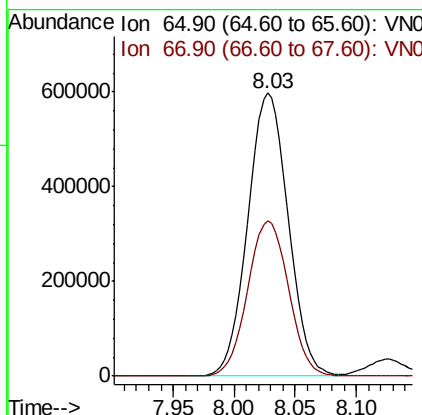
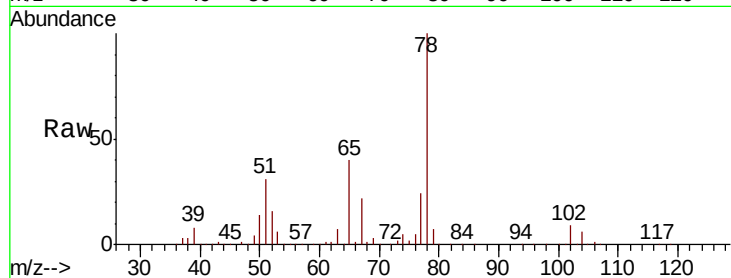




#33
 1,2-Dichloroethane-d4
 Concen: 151.200 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

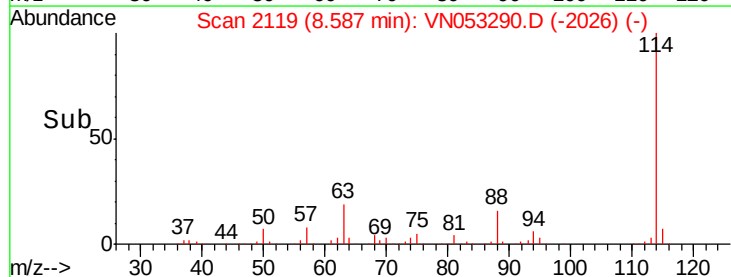
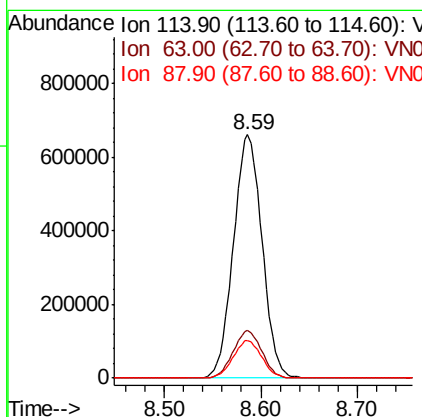
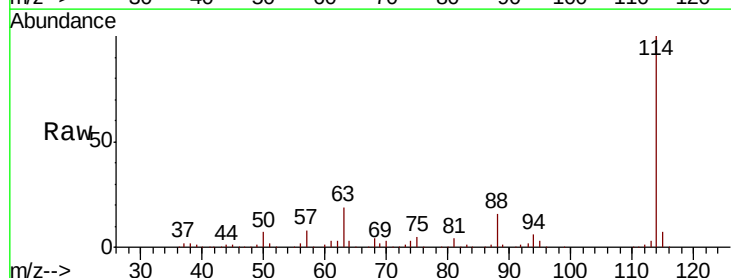
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

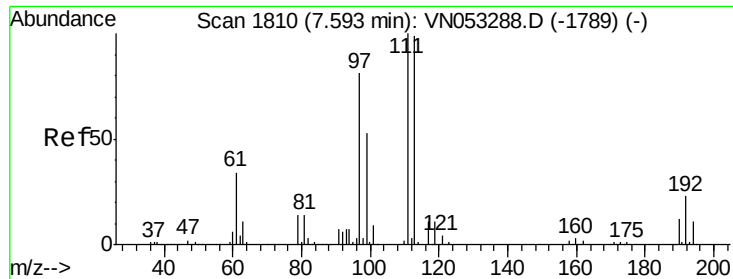
Tgt Ion: 65 Resp: 1371120
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Tgt Ion: 114 Resp: 1359371
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 30.8

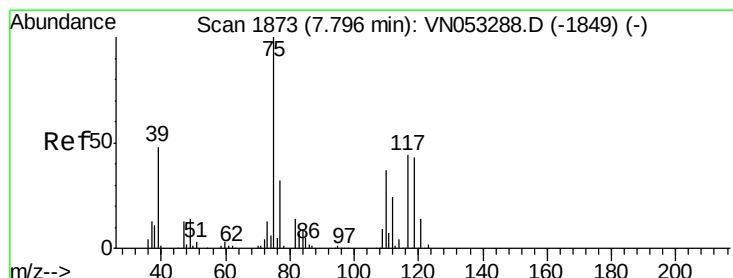
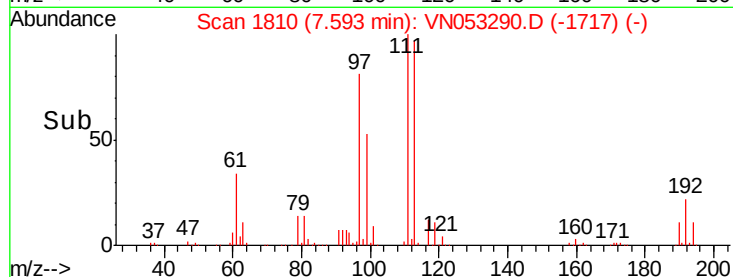
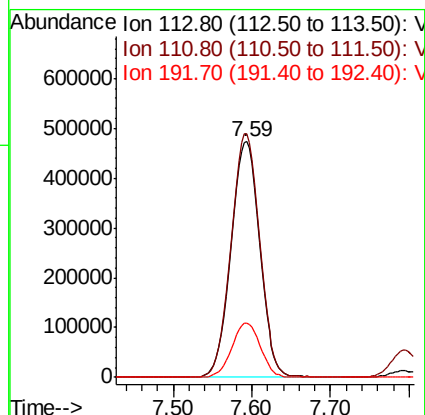
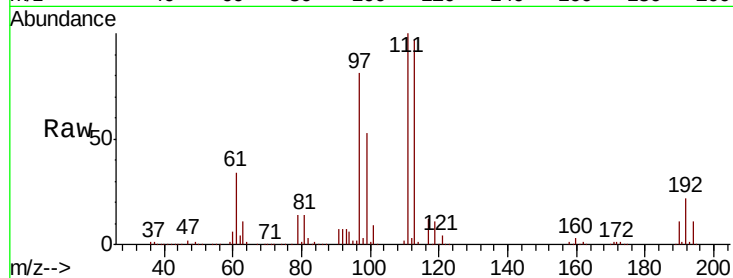




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

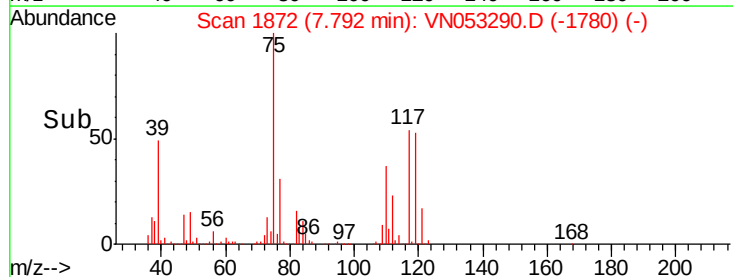
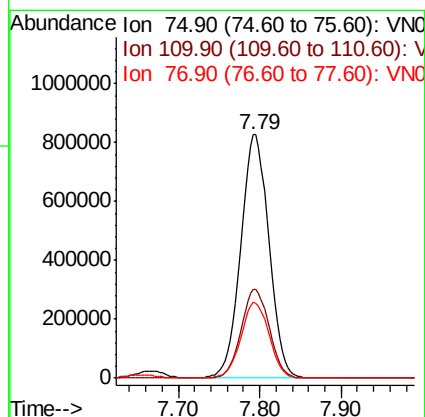
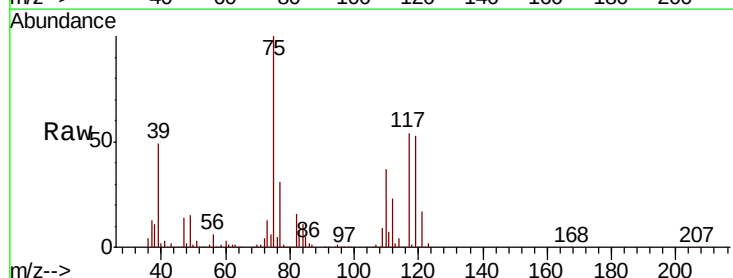
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

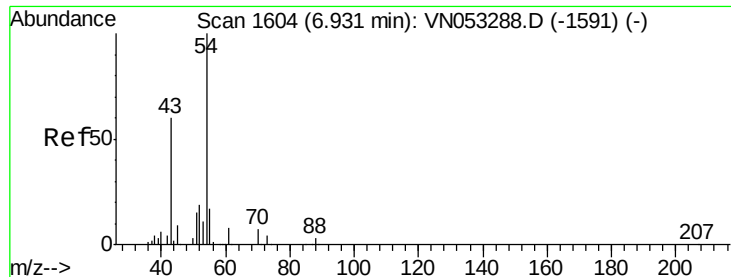
Tgt Ion: 113 Resp: 1200315
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.2
 192 22.8 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 151.079 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Tgt Ion: 75 Resp: 1968707
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.4 55.0
 77 31.2 25.3 37.9



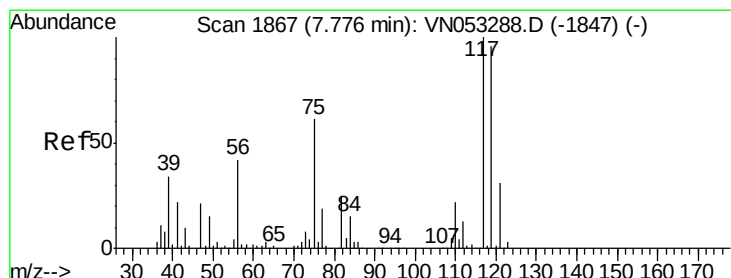
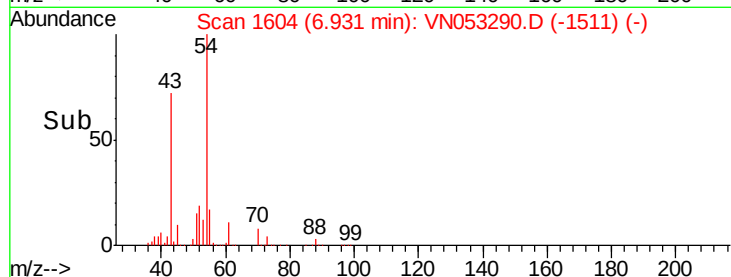
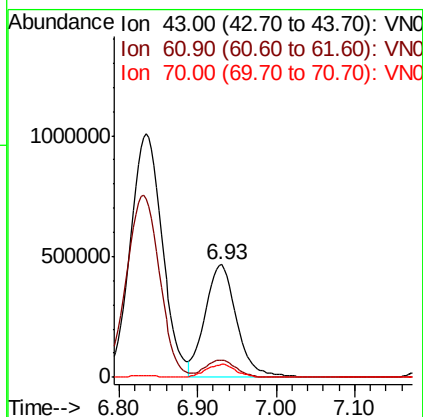
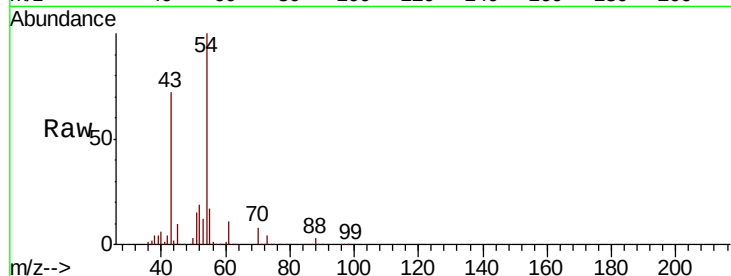


#37
Ethyl Acetate
 Concen: 172.317 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 1280934

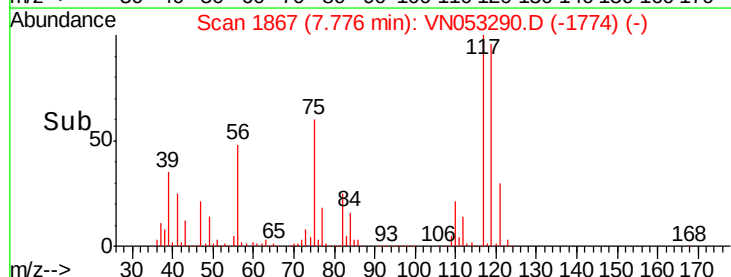
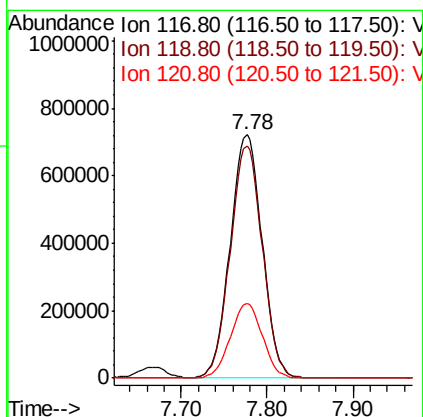
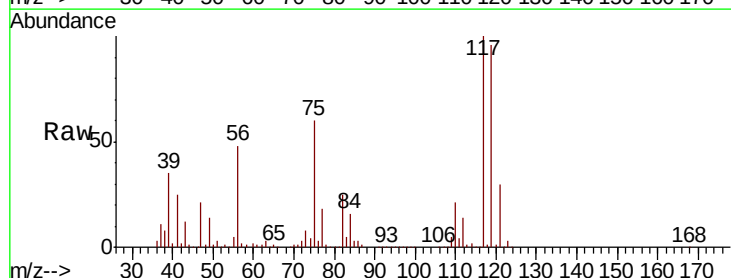
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.9	17.9
70	11.0	8.6	13.0

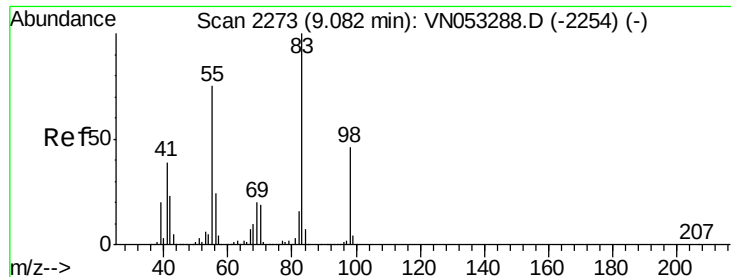


#38
Carbon Tetrachloride
 Concen: 155.872 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Tgt Ion: 117 Resp: 1860465

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	115.0
121	30.5	25.0	37.4

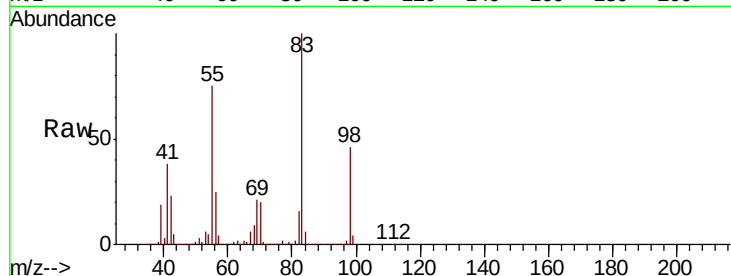




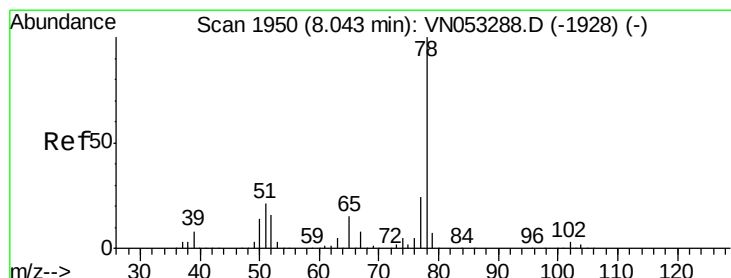
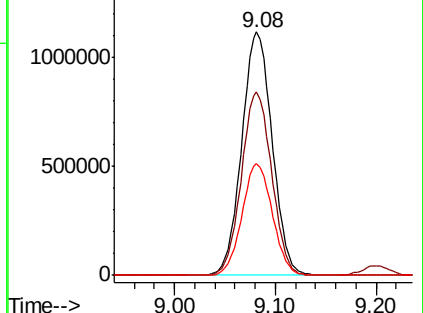
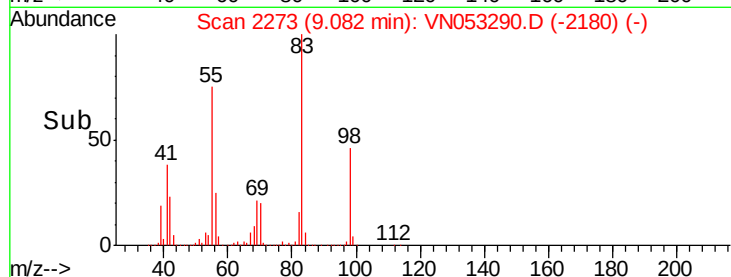
#39
Methylcyclohexane
Concen: 147.270 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 2319329
Ion Ratio Lower Upper
83 100
55 75.3 60.1 90.1
98 45.8 36.7 55.1

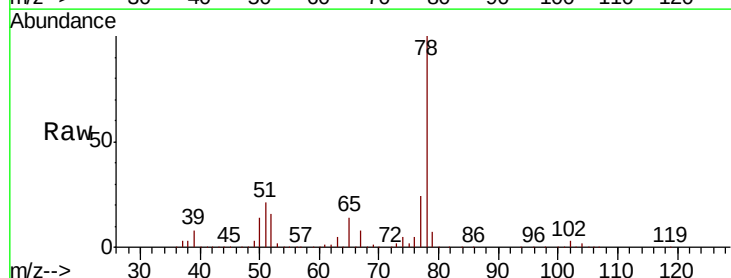


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

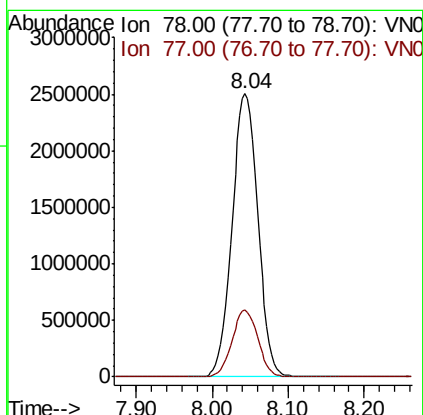
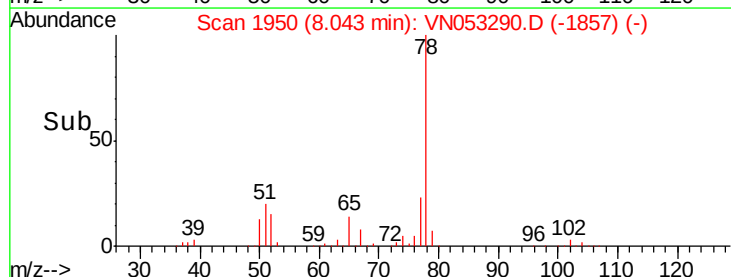


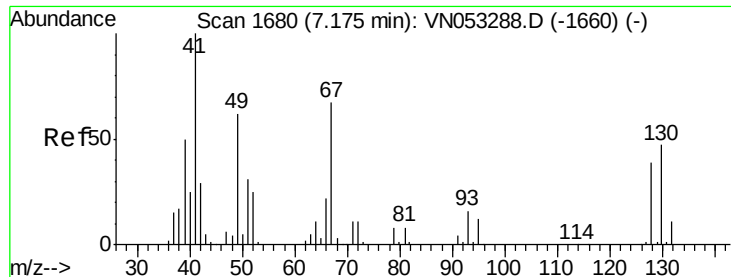
#40
Benzene
Concen: 152.070 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion: 78 Resp: 5913425
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

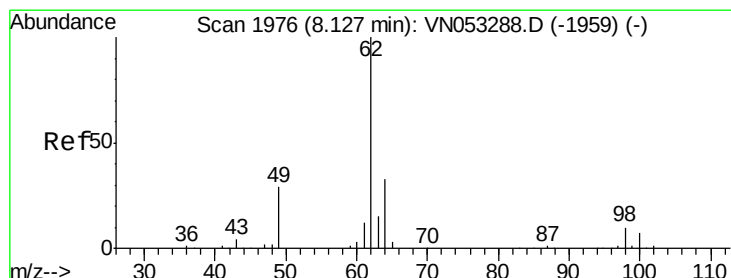
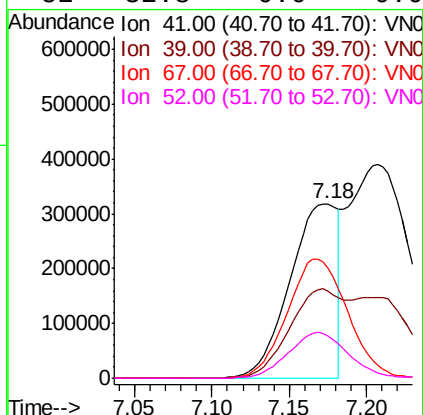
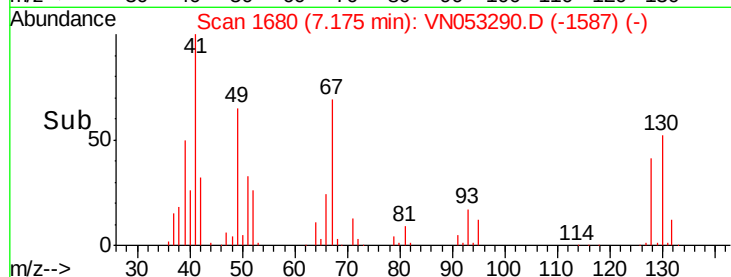
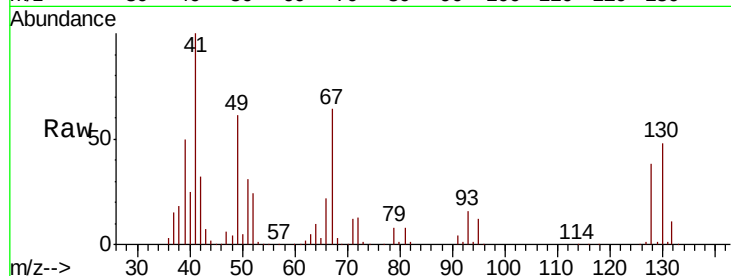




#41
Methacrylonitrile
Concen: 161.032 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

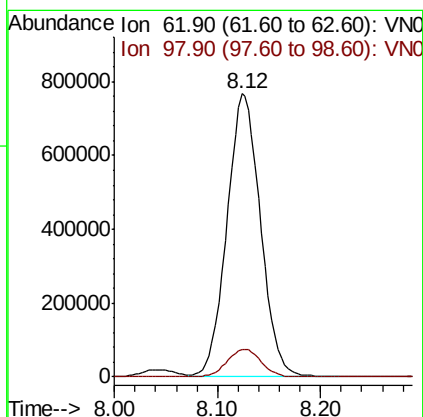
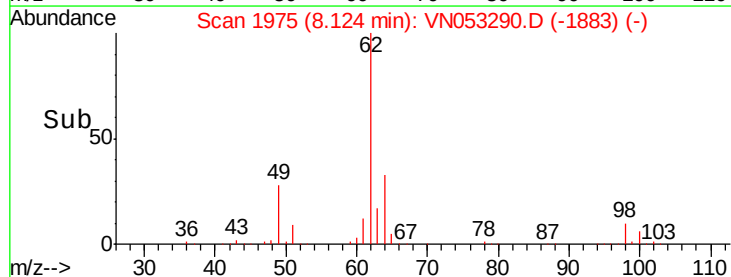
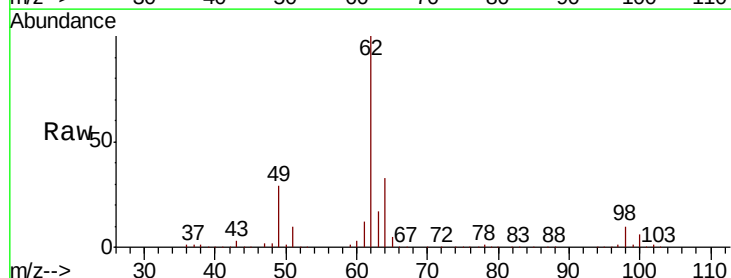
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

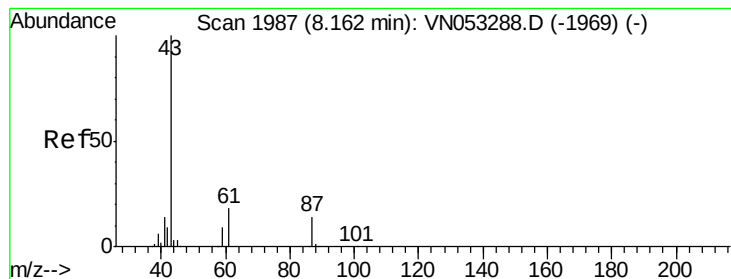
Tgt Ion:	41	Resp:	681054
Ion	Ratio	Lower	Upper
41	100		
39	58.7	0.0	0.0#
67	86.9	0.0	0.0#
52	32.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 151.022 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion:	62	Resp:	1731701
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 142.087 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

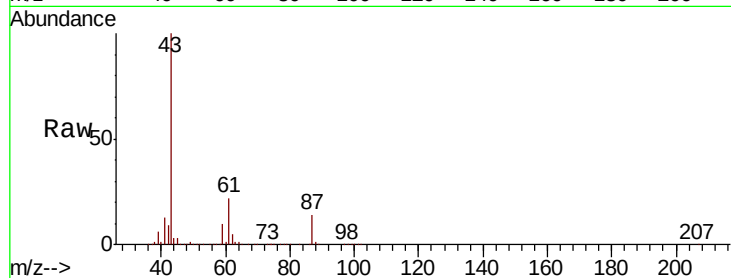
Tgt Ion: 43 Resp: 2322448

Ion Ratio Lower Upper

43 100

61 29.4 23.3 34.9

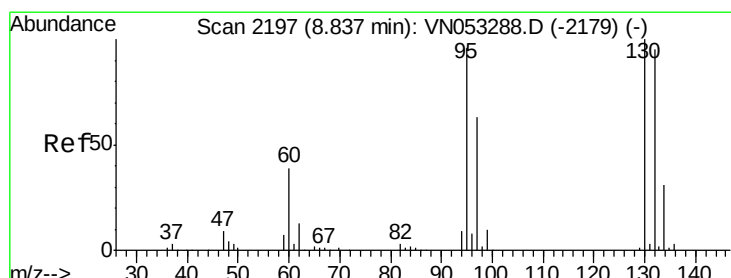
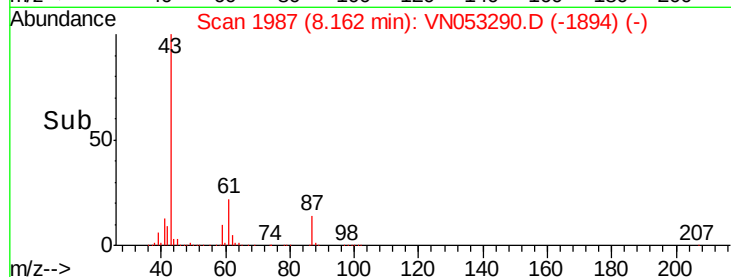
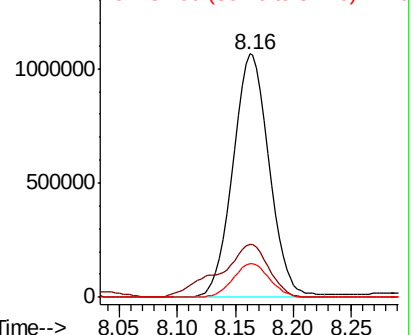
87 14.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053288.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053288.D (-1969) (-)



#44

Trichloroethene

Concen: 144.764 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053290.D

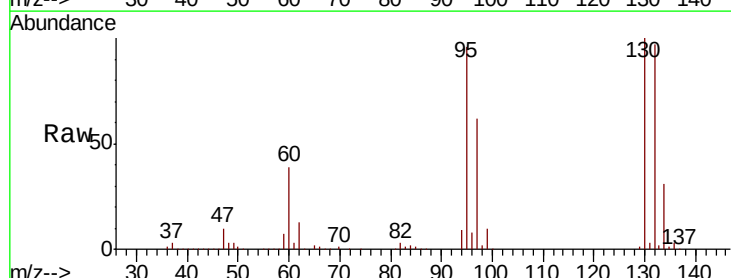
Acq: 4 Jan 2019 19:29

Tgt Ion: 130 Resp: 1611805

Ion Ratio Lower Upper

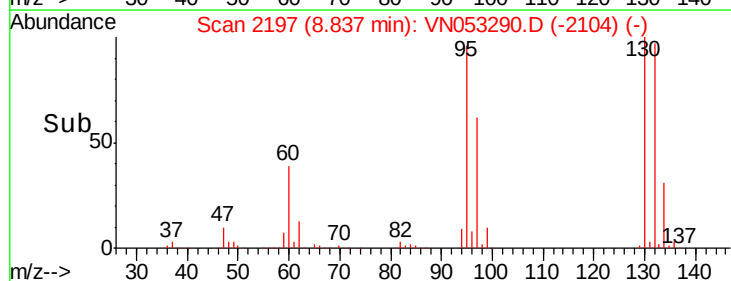
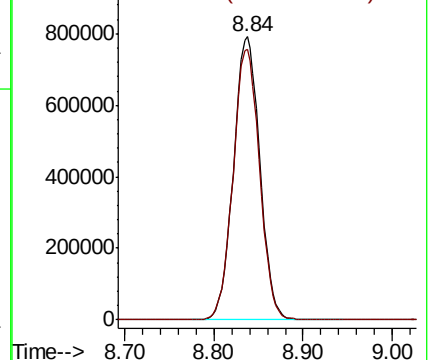
130 100

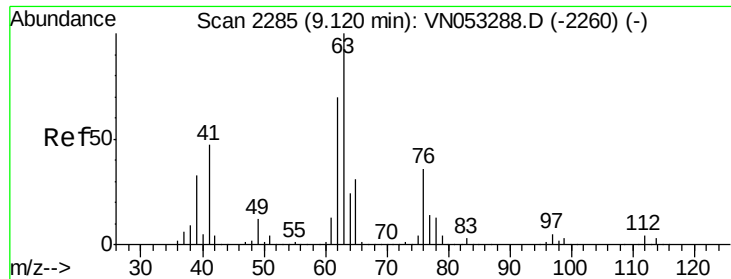
95 95.7 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VN053288.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053288.D (-2179) (-)

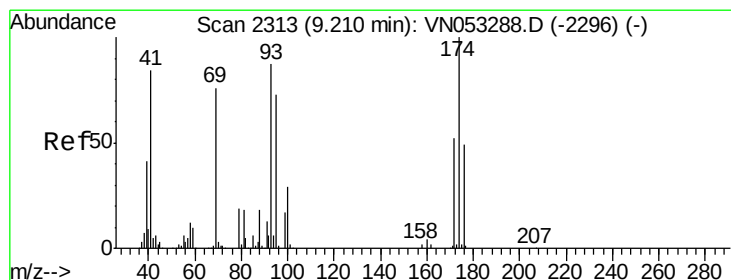
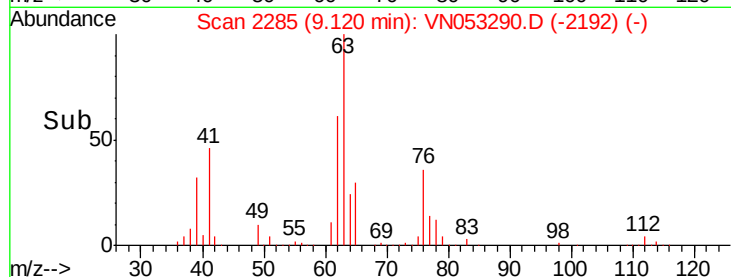
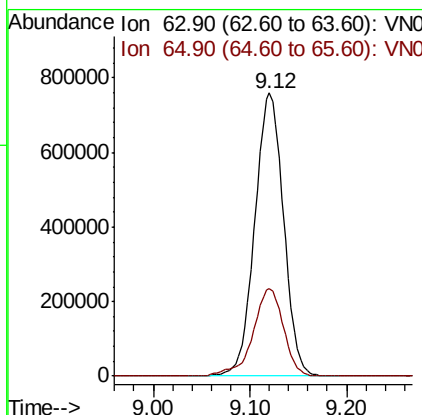
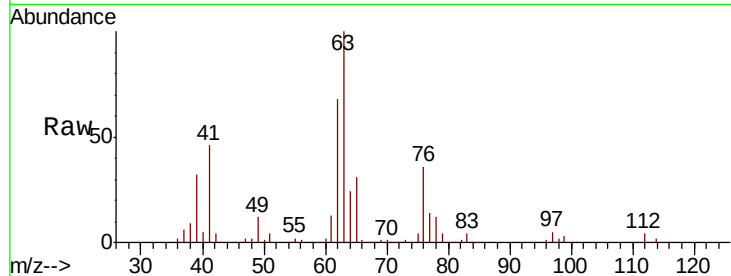




#45
 1,2-Dichloropropane
 Concen: 154.614 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

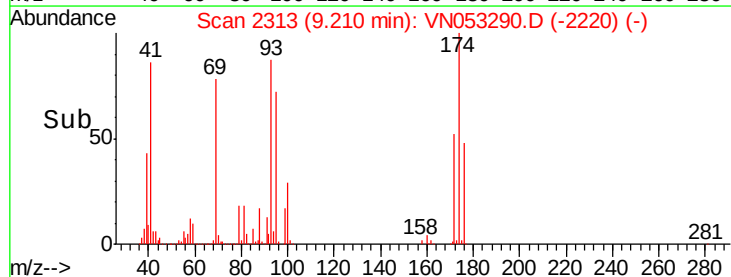
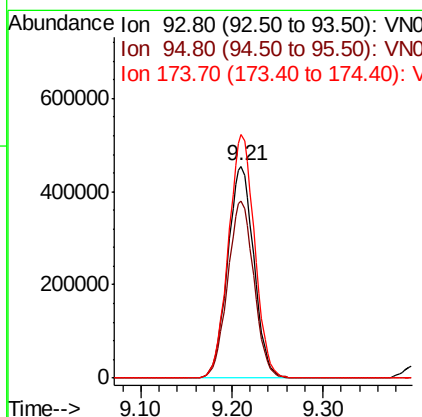
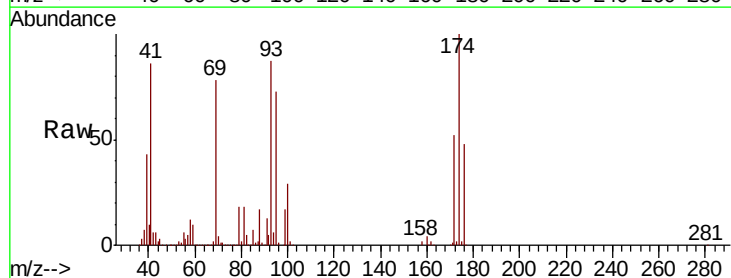
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

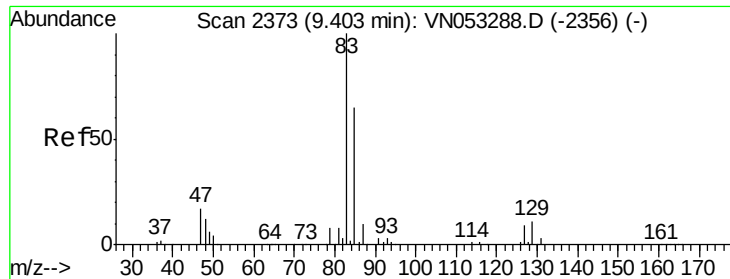
Tgt Ion: 63 Resp: 1565700
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 153.891 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Tgt Ion: 93 Resp: 910178
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.6 100.0
 174 114.7 91.4 137.0





#47

Bromodichloromethane

Concen: 153.916 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

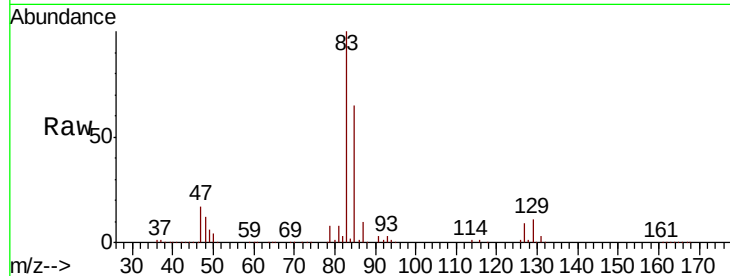
Tgt Ion: 83 Resp: 1925201

Ion Ratio Lower Upper

83 100

85 64.8 51.7 77.5

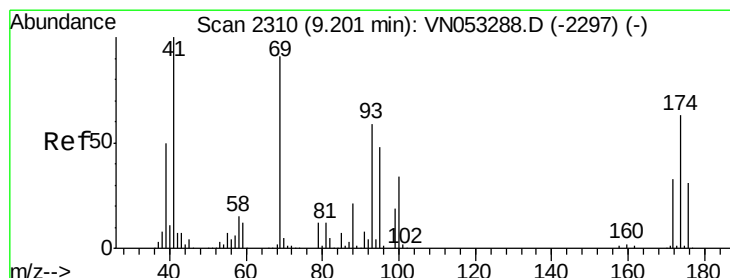
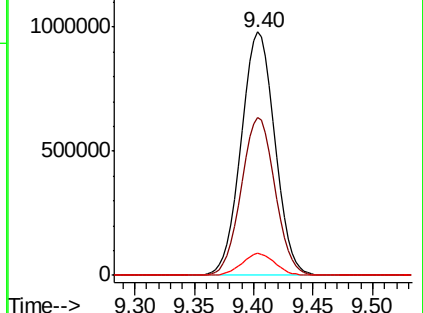
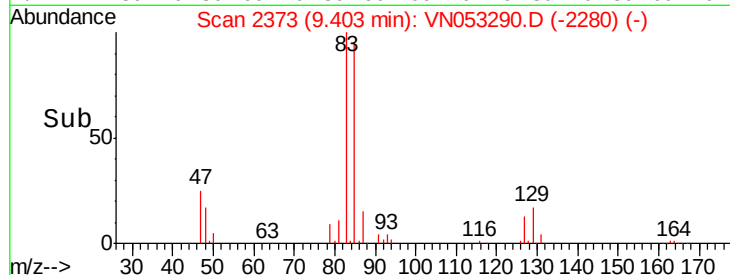
127 8.9 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053290.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053290.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053290.D (-2280) (-)



#48

Methyl methacrylate

Concen: 165.983 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

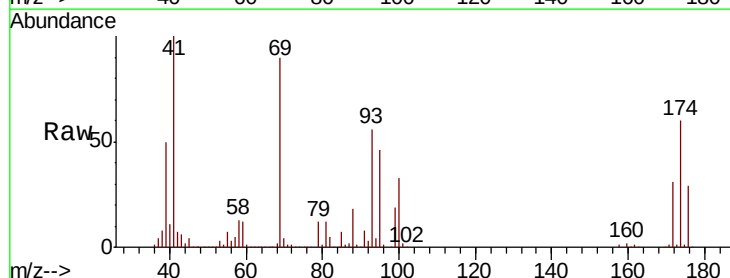
Tgt Ion: 41 Resp: 1187169

Ion Ratio Lower Upper

41 100

69 92.7 73.5 110.3

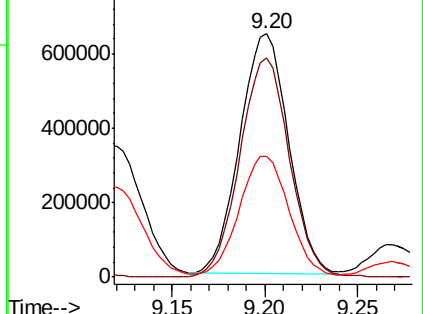
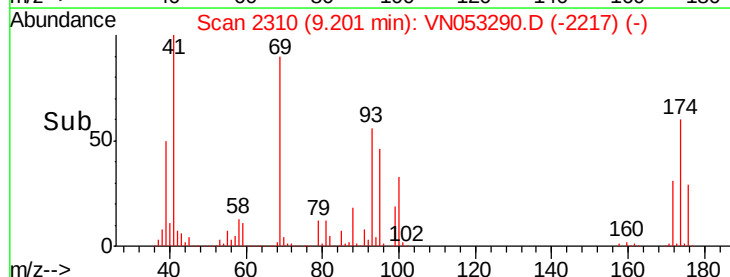
39 51.7 41.6 62.4

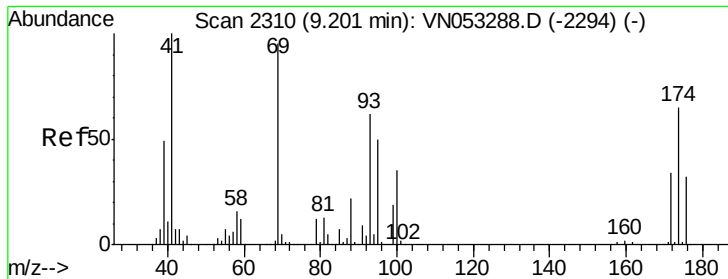


Abundance Ion 41.00 (40.70 to 41.70): VN053290.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN053290.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN053290.D (-2217) (-)





#49

1,4-Dioxane

Concen: 2696.833 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

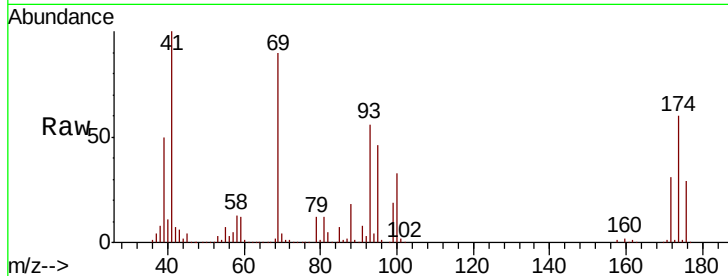
Tgt Ion: 88 Resp: 242043

Ion Ratio Lower Upper

88 100

43 32.9 26.2 39.4

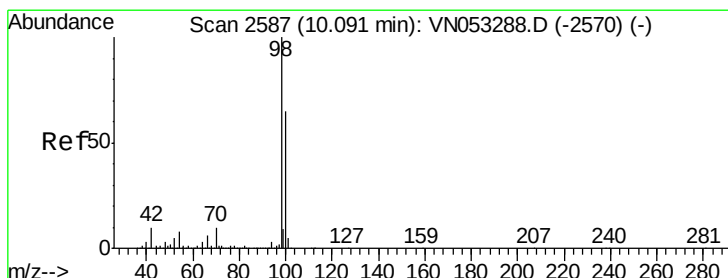
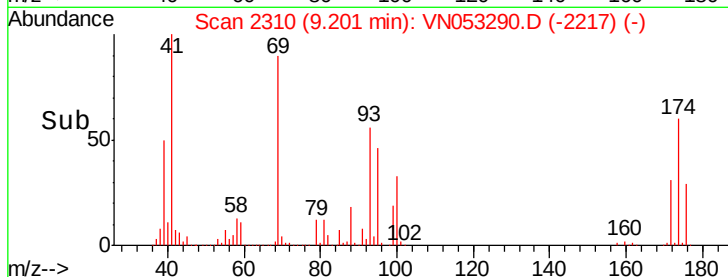
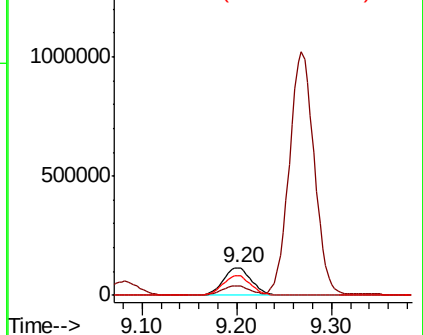
58 70.4 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VN053288.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN053288.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-2294) (-)



#50

Toluene-d8

Concen: 2696.833 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053290.D

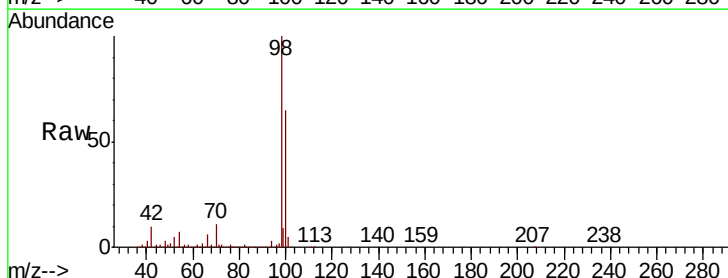
Acq: 4 Jan 2019 19:29

Tgt Ion: 98 Resp: 5075992

Ion Ratio Lower Upper

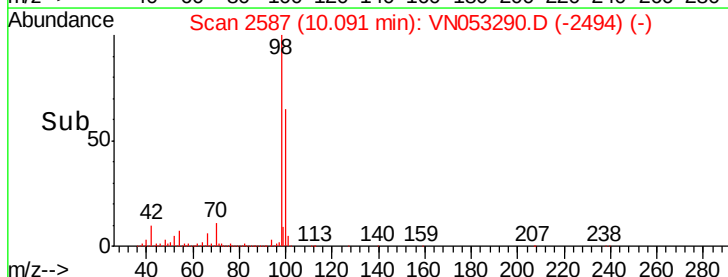
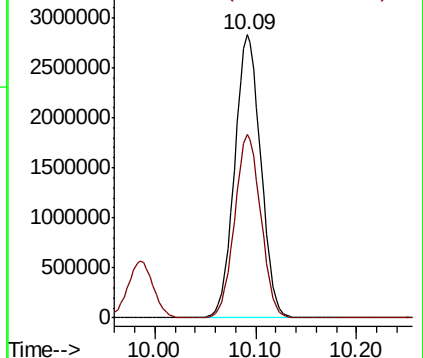
98 100

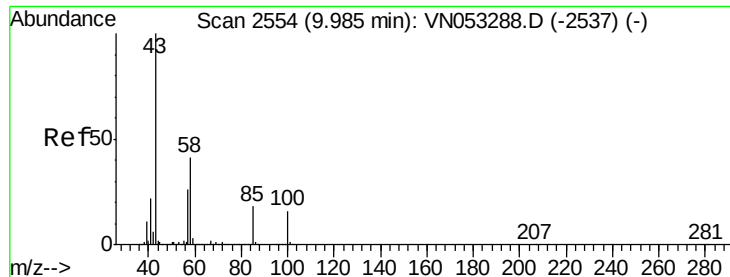
100 64.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053288.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053288.D (-2570) (-)

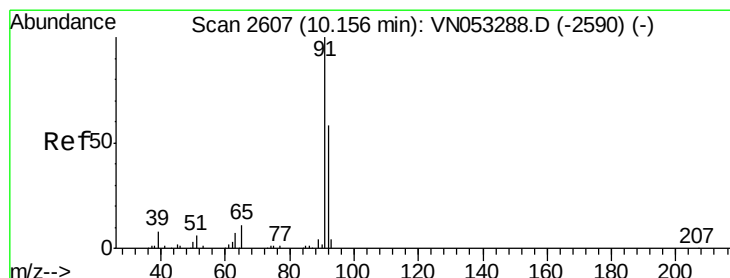
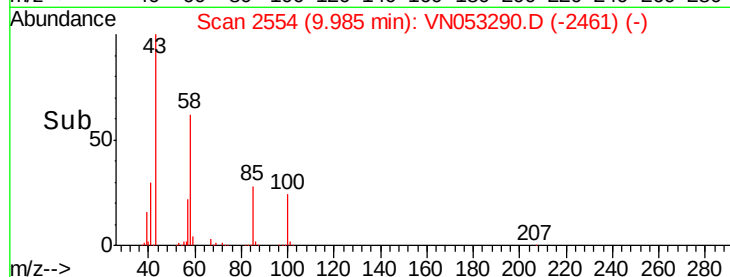
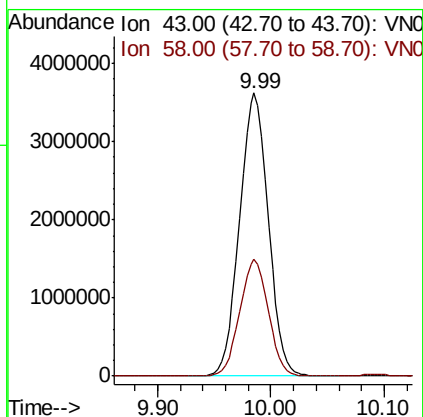
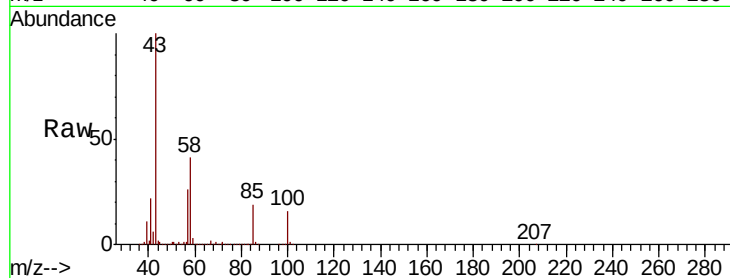




#51
 4-Methyl-2-Pentanone
 Concen: 884.866 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

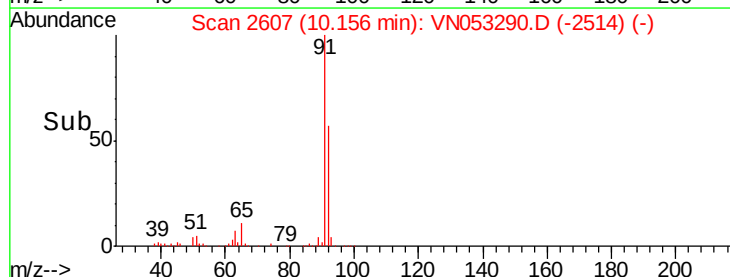
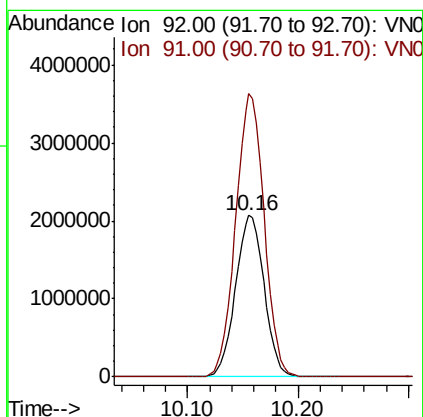
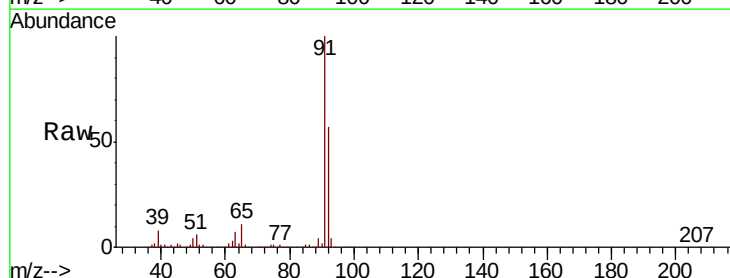
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

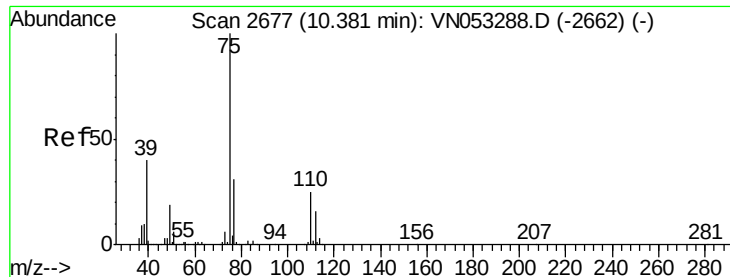
Tgt Ion: 43 Resp: 6410411
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.7 49.1



#52
 Toluene
 Concen: 153.752 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Tgt Ion: 92 Resp: 3706318
 Ion Ratio Lower Upper
 92 100
 91 175.2 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 159.849 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

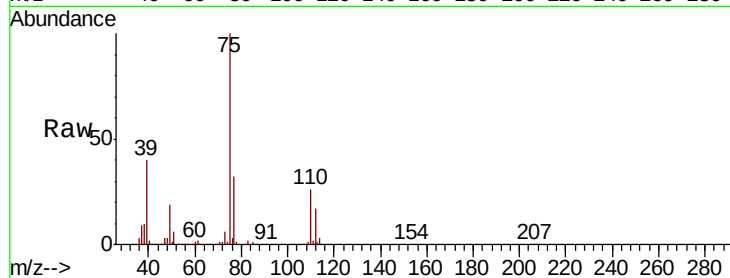
VSTDIC150

Tgt Ion: 75 Resp: 2099168

Ion Ratio Lower Upper

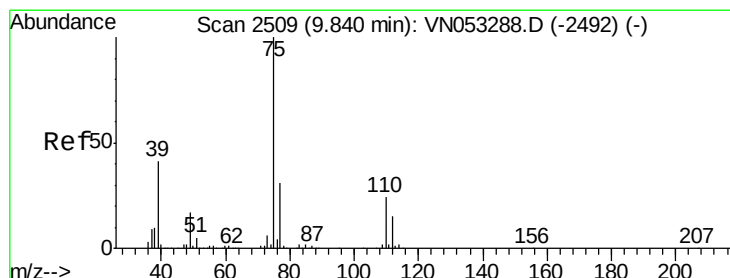
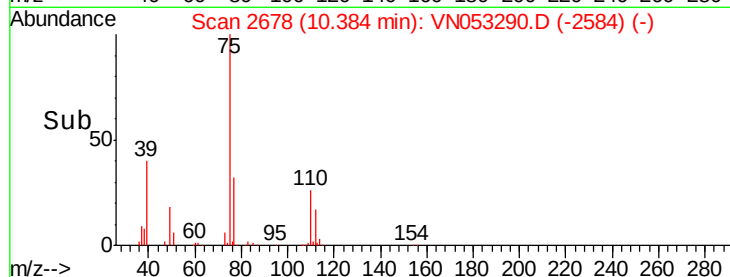
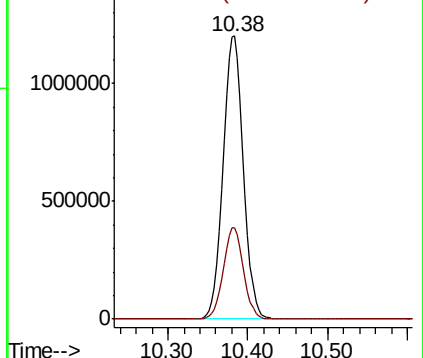
75 100

77 32.4 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 156.368 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

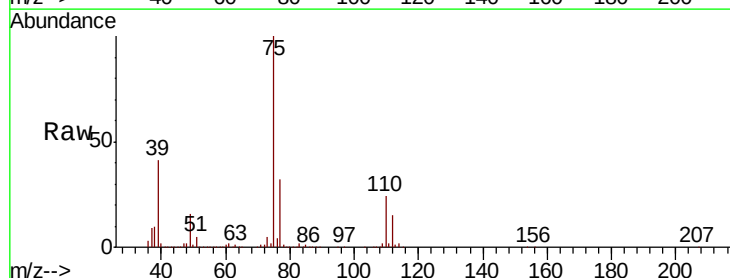
Tgt Ion: 75 Resp: 2355768

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

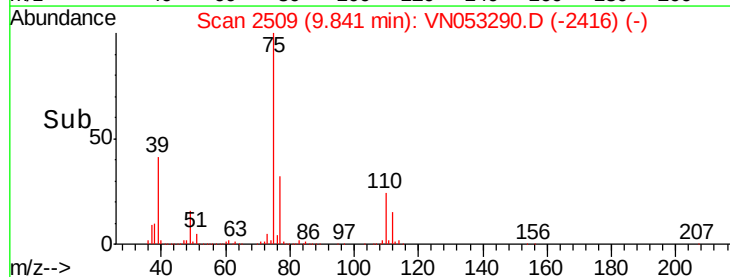
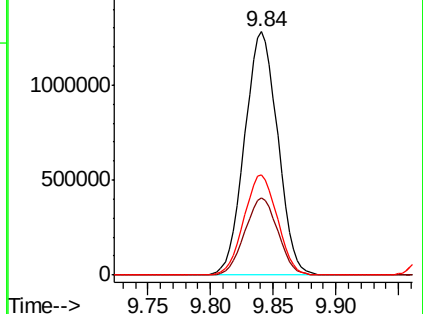
39 41.0 33.1 49.7

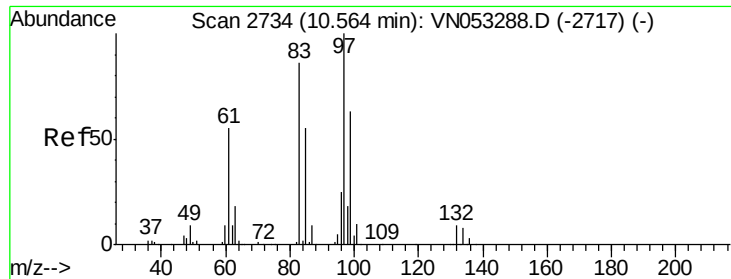


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

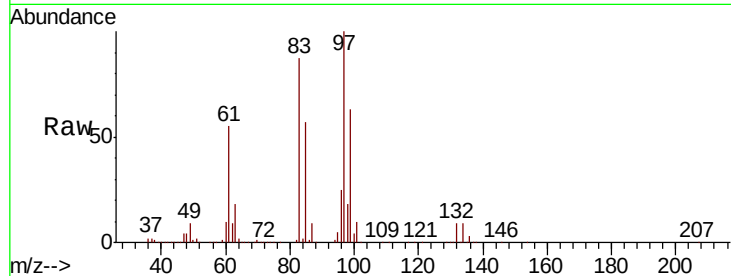




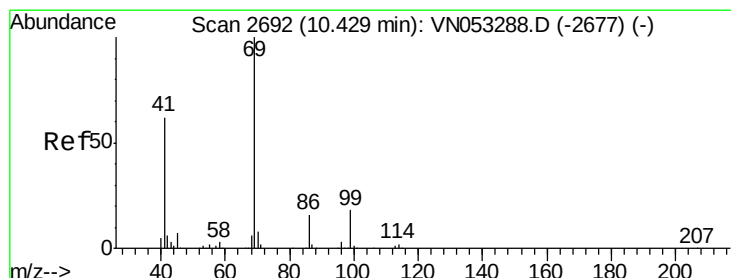
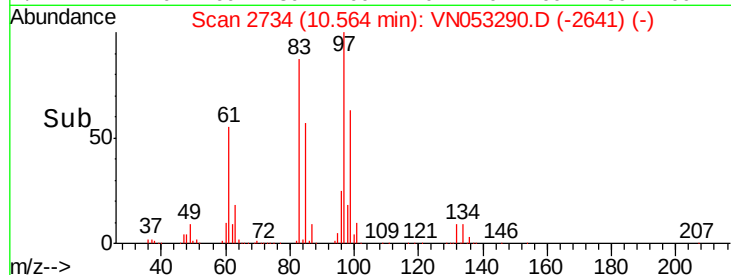
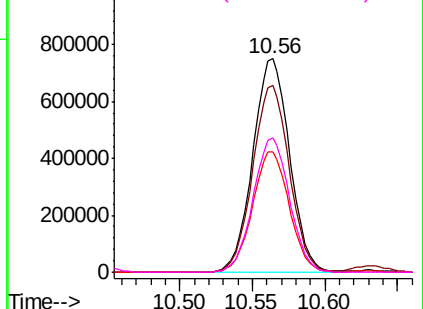
#55
 1,1,2-Trichloroethane
 Concen: 156.931 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 1325525
 Ion Ratio Lower Upper
 97 100
 83 87.4 69.1 103.7
 85 56.5 44.2 66.4
 99 62.9 50.3 75.5

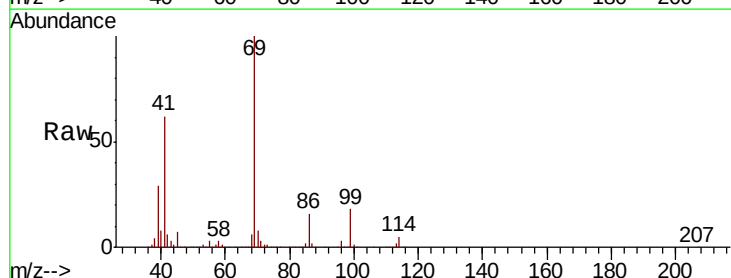


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

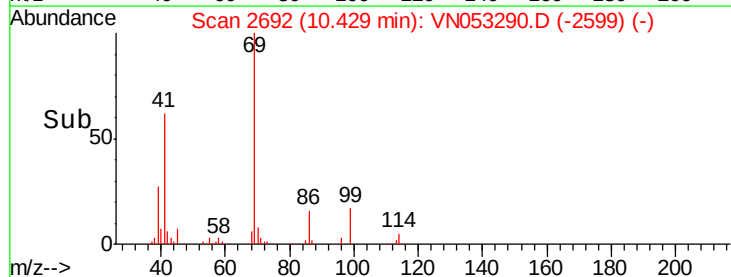
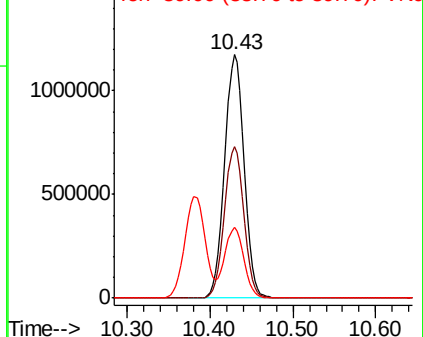


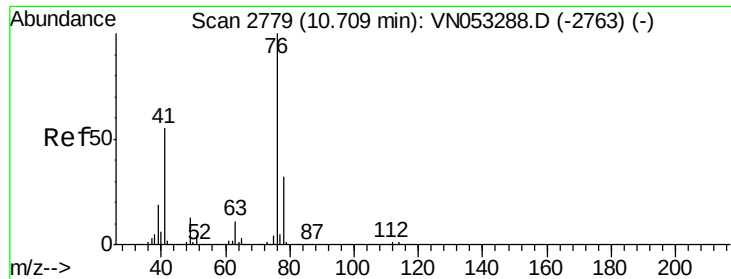
#56
 Ethyl methacrylate
 Concen: 169.667 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Tgt Ion: 69 Resp: 1902830
 Ion Ratio Lower Upper
 69 100
 41 61.8 49.2 73.8
 39 28.9 23.4 35.0



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 158.169 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampled :

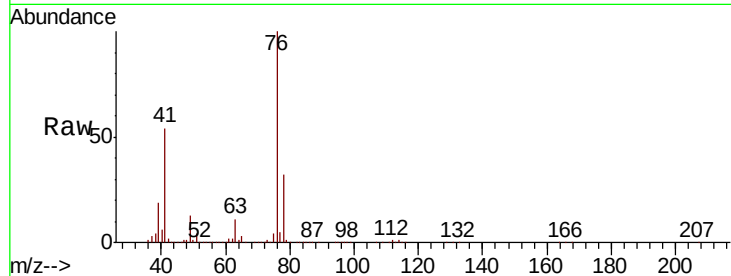
VSTDIC150

Tgt Ion: 76 Resp: 2280406

Ion Ratio Lower Upper

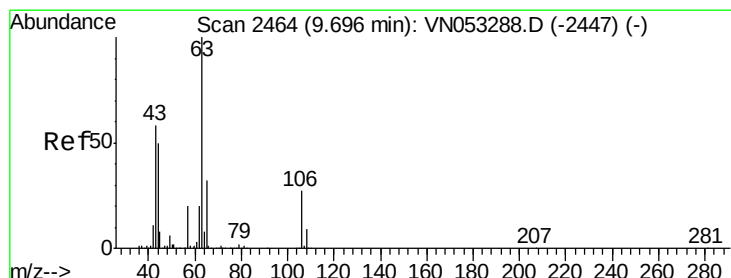
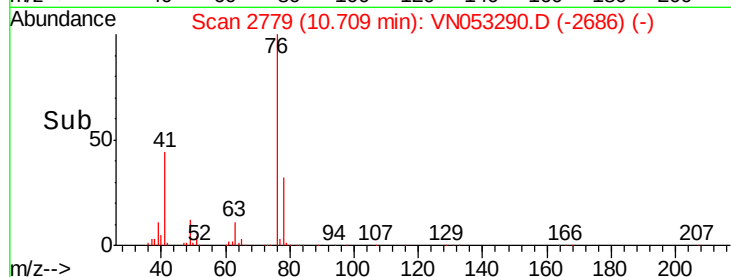
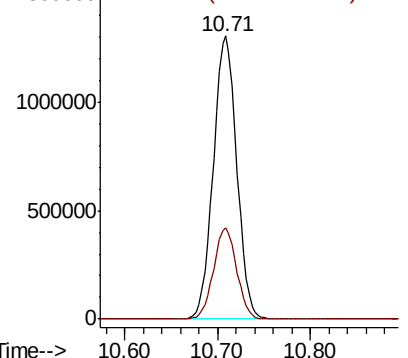
76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 817.261 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053290.D

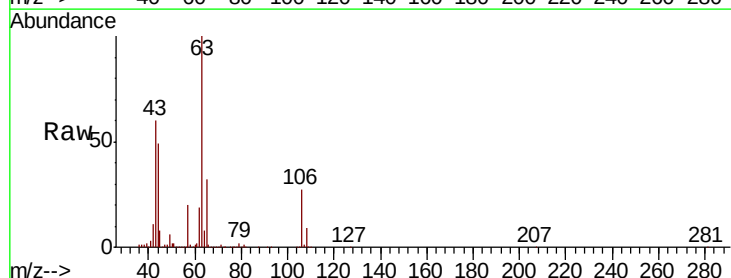
Acq: 4 Jan 2019 19:29

Tgt Ion: 63 Resp: 4996716

Ion Ratio Lower Upper

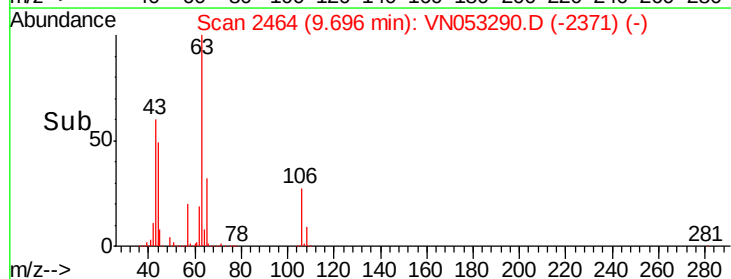
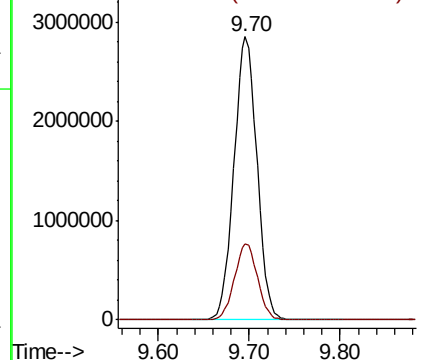
63 100

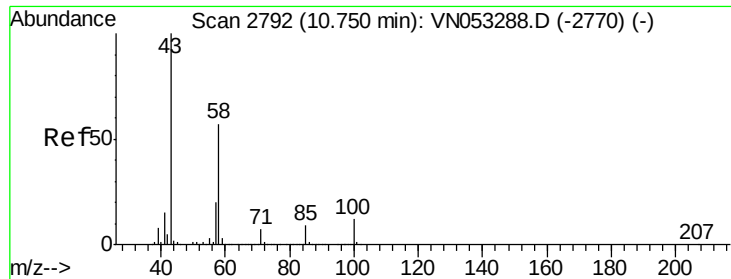
106 27.0 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

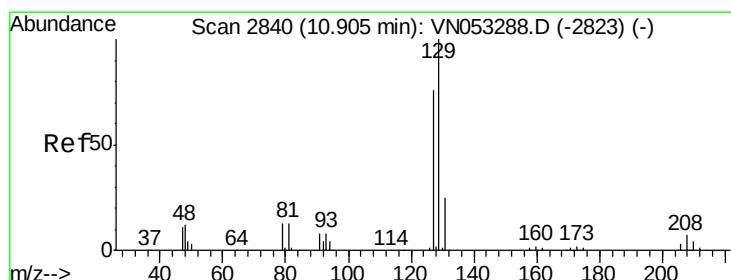
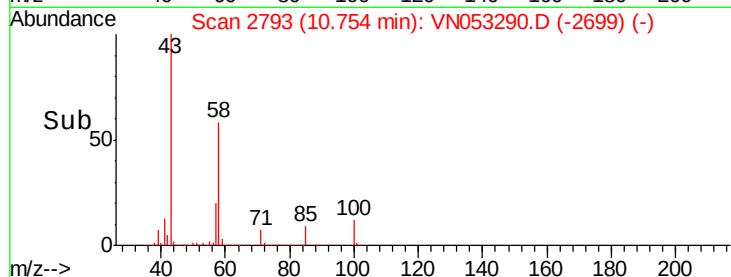
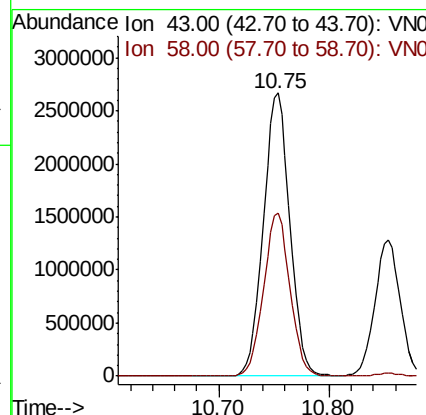
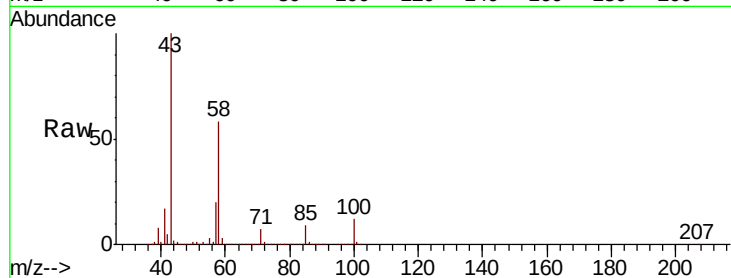




#59
2-Hexanone
Concen: 898.558 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

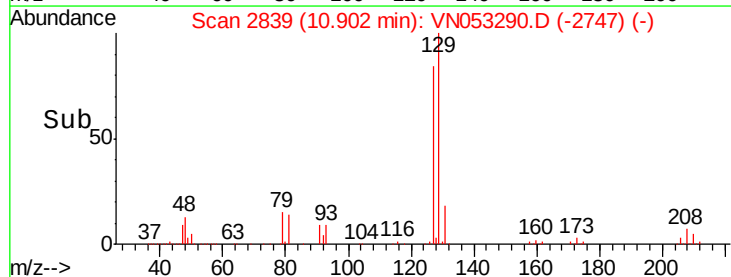
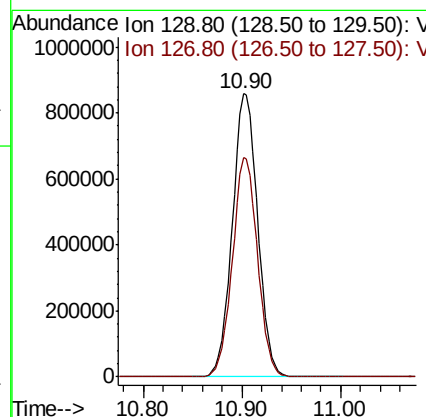
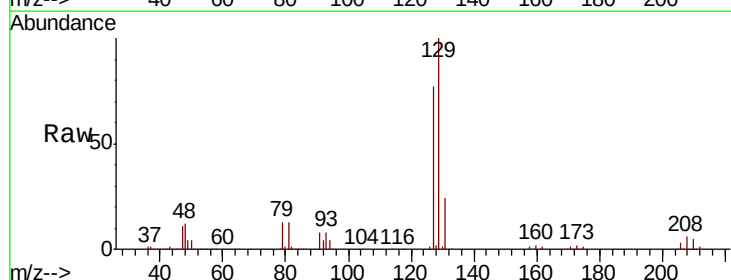
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

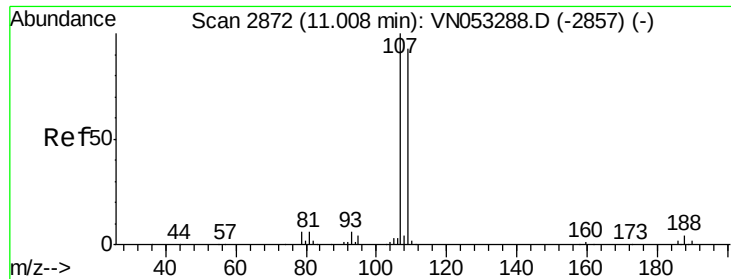
Tgt Ion: 43 Resp: 4429427
Ion Ratio Lower Upper
43 100
58 57.4 28.3 85.0



#60
Dibromochloromethane
Concen: 160.091 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion: 129 Resp: 1540838
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

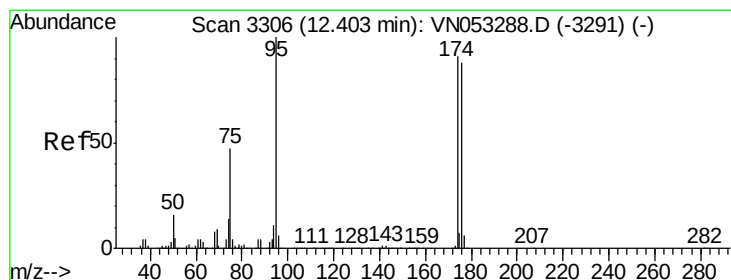
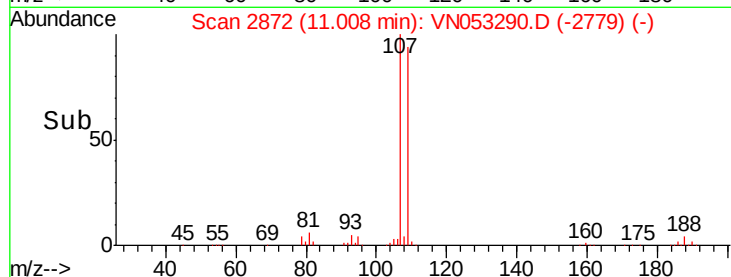
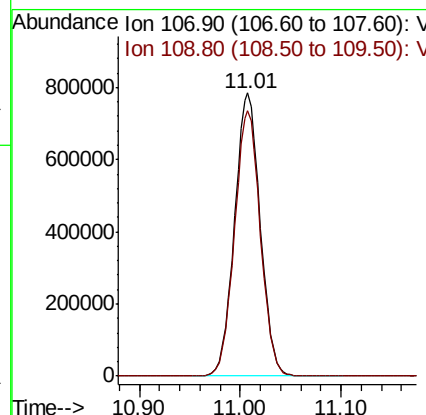
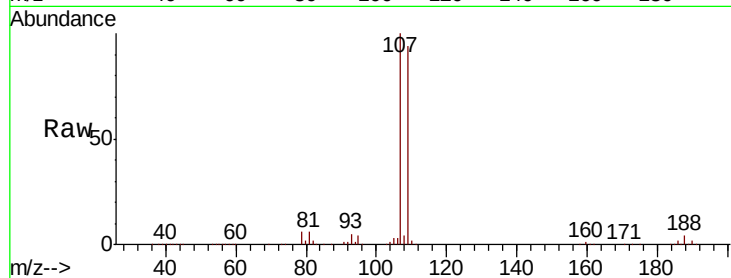




#61
1,2-Dibromoethane
Concen: 161.855 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

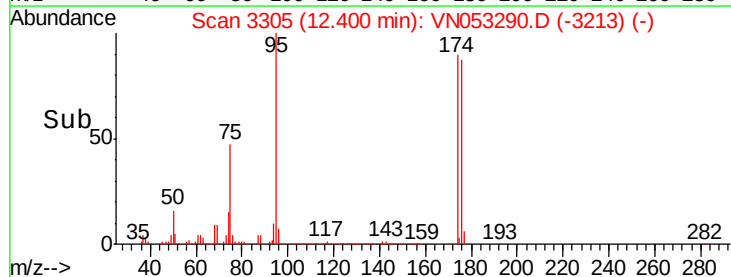
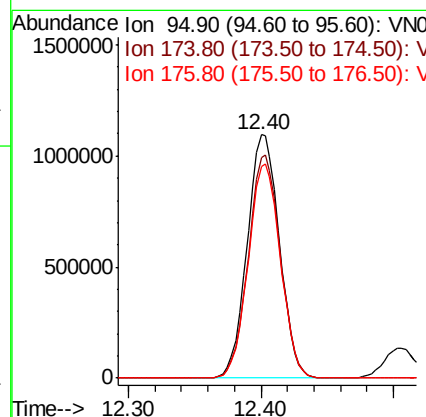
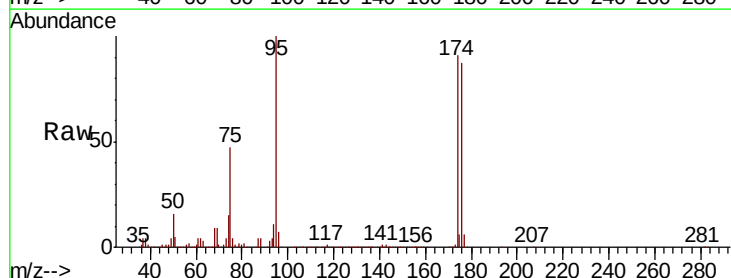
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

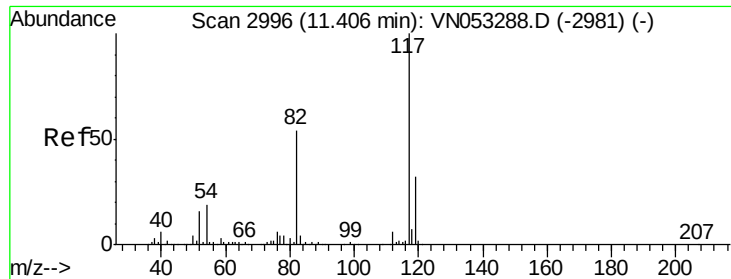
Tgt Ion: 107 Resp: 1386517
Ion Ratio Lower Upper
107 100
109 94.5 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 161.855 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion: 95 Resp: 1846499
Ion Ratio Lower Upper
95 100
174 91.0 0.0 180.4
176 87.9 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

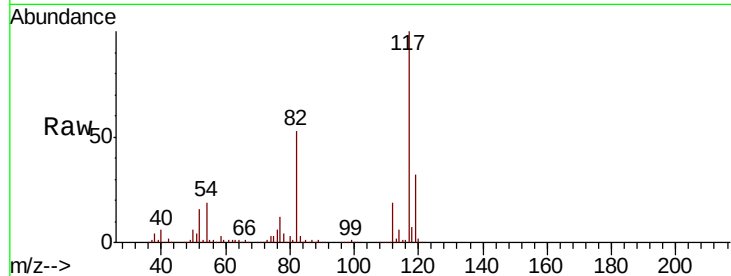
Tgt Ion:117 Resp: 1279799

Ion Ratio Lower Upper

117 100

82 52.8 42.9 64.3

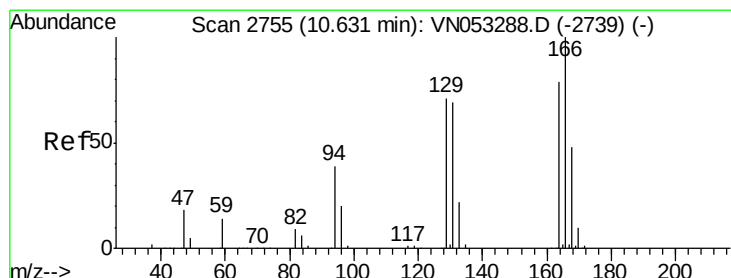
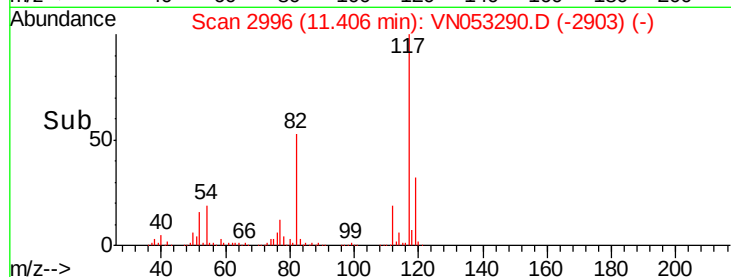
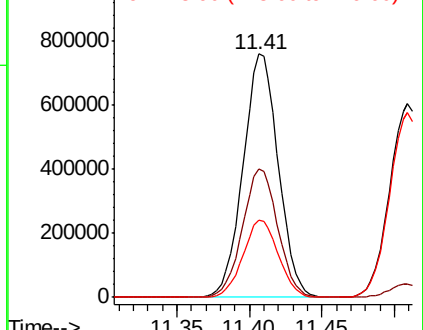
119 31.8 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 126.131 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Tgt Ion:164 Resp: 1712491

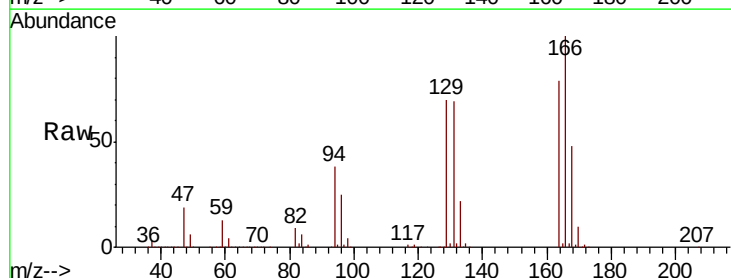
Ion Ratio Lower Upper

164 100

166 127.0 101.7 152.5

129 89.5 72.1 108.1

131 87.4 69.9 104.9

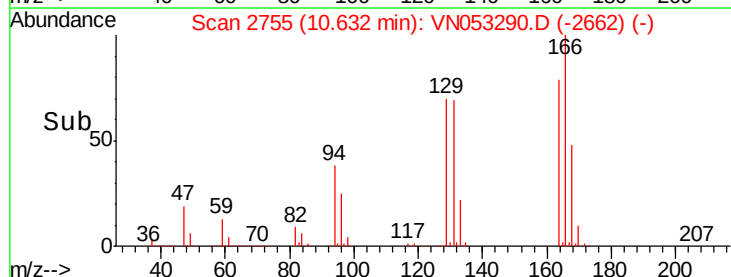
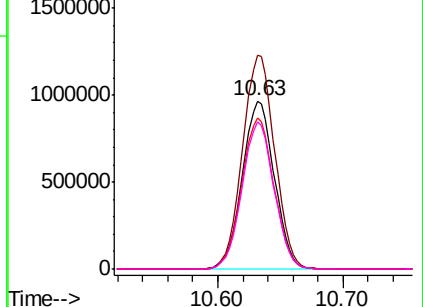


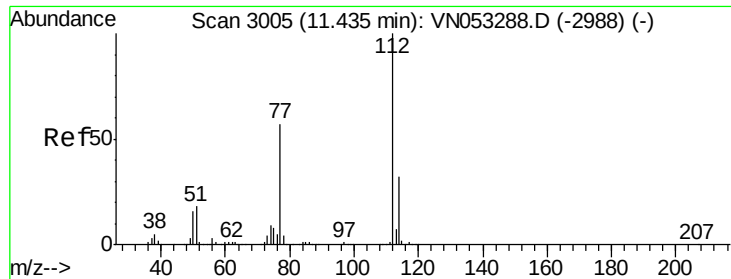
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 148.367 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampled :

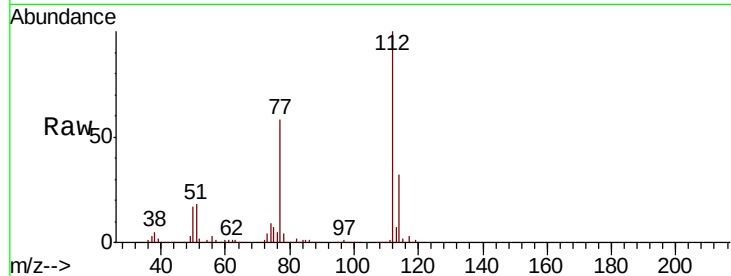
VSTDIC150

Tgt Ion:112 Resp: 4207575

Ion Ratio Lower Upper

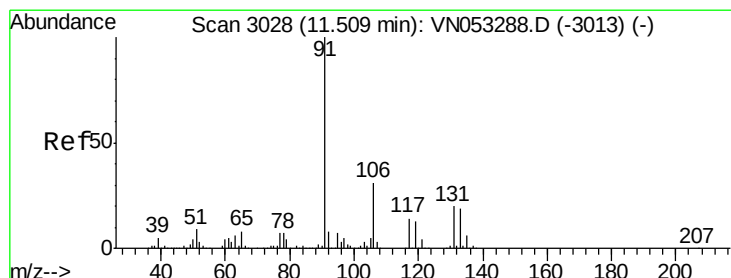
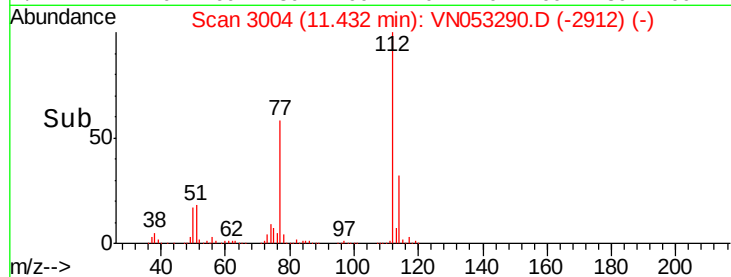
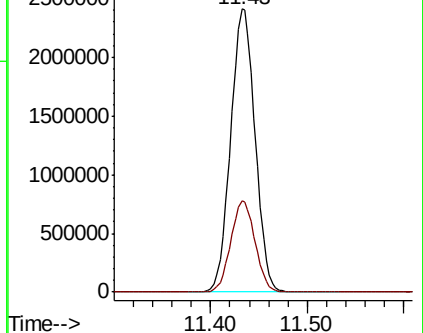
112 100

114 32.2 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 151.554 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

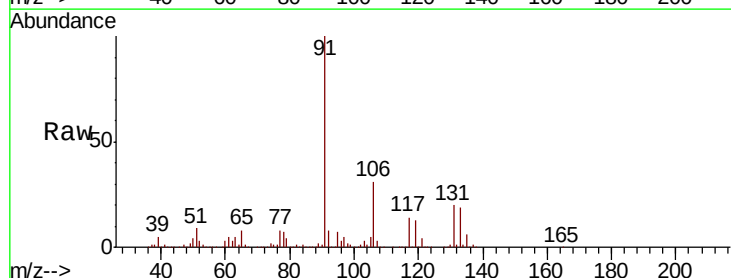
Tgt Ion:131 Resp: 1495240

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

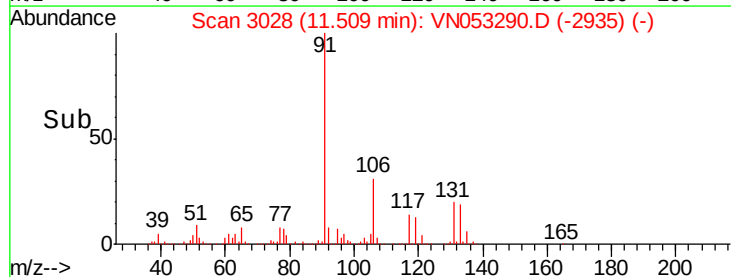
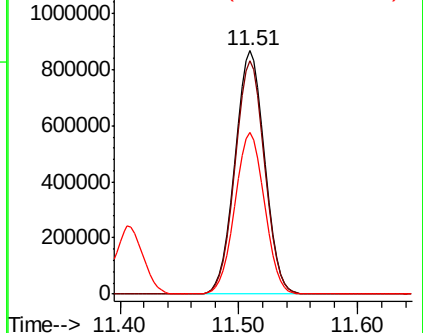
119 66.6 33.3 99.9

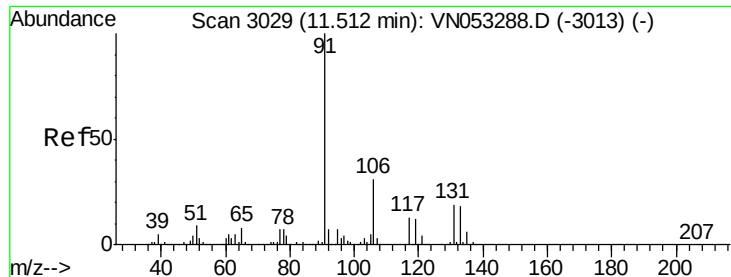


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

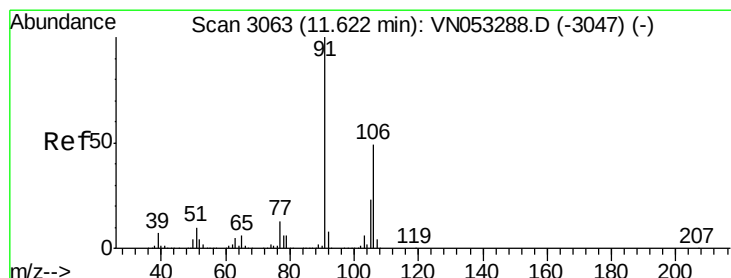
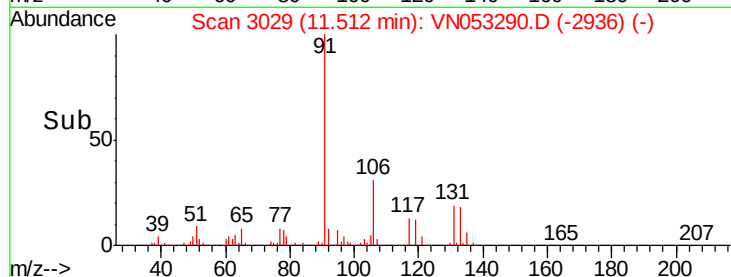
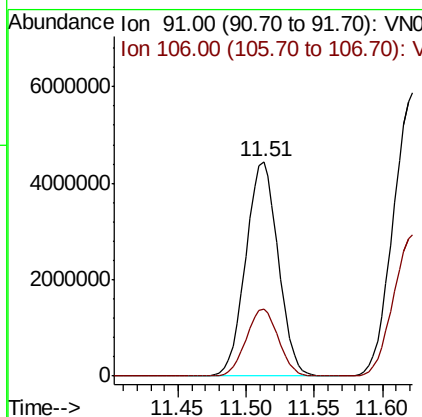
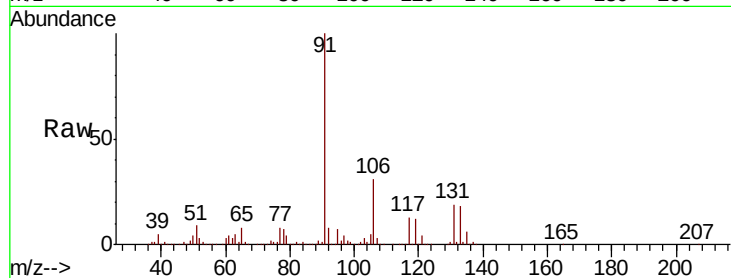




#67
Ethyl Benzene
Concen: 150.430 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

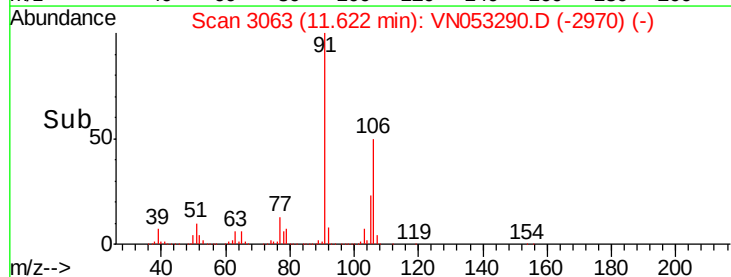
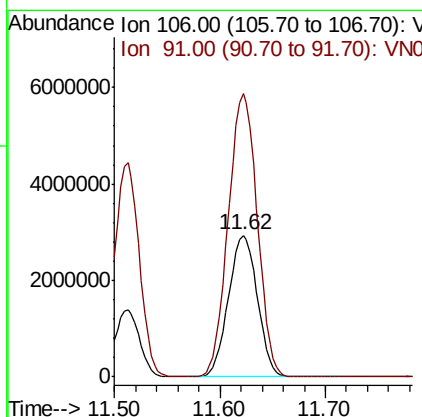
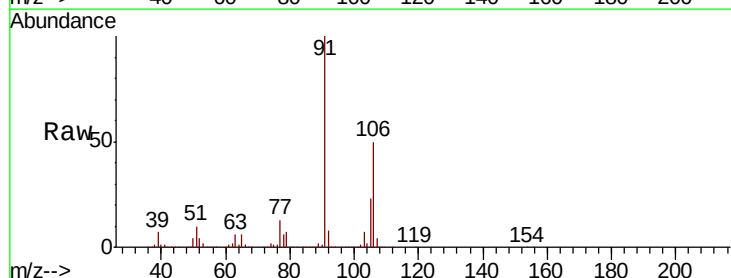
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

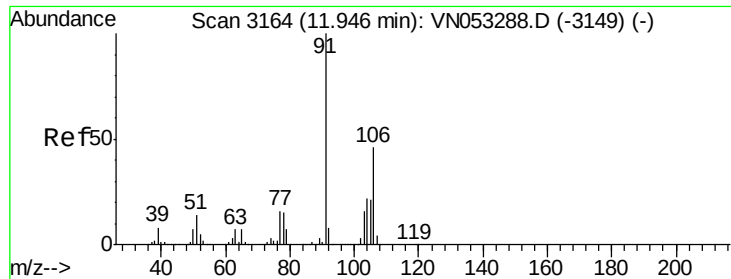
Tgt Ion: 91 Resp: 7334280
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 299.789 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion: 106 Resp: 5559380
Ion Ratio Lower Upper
106 100
91 200.9 161.4 242.2

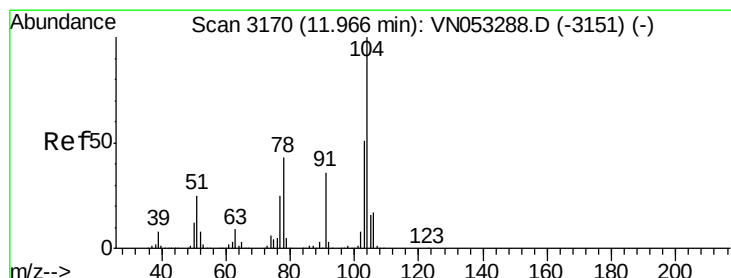
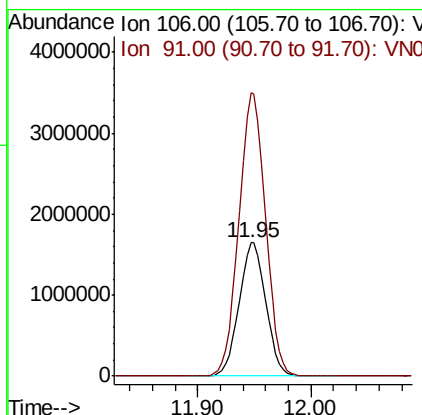
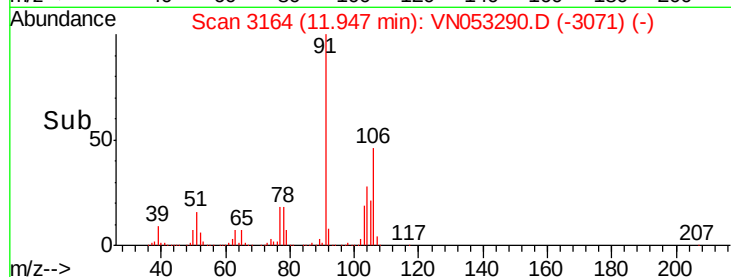
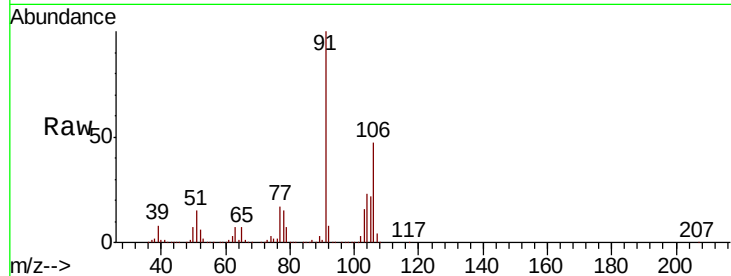




#69
o-Xylene
Concen: 152.308 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

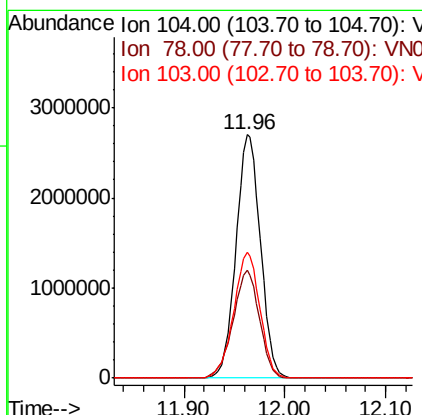
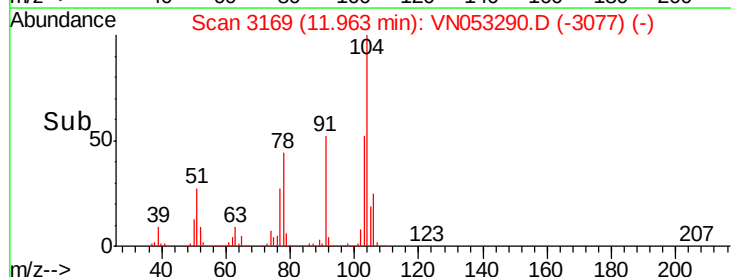
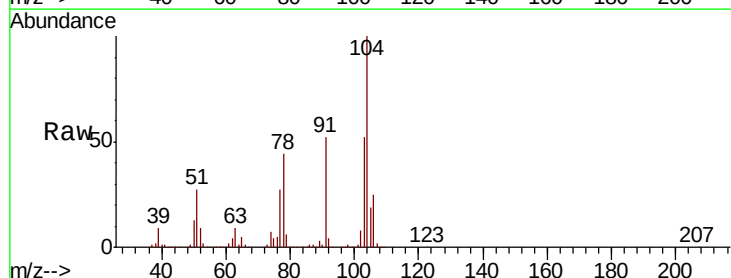
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

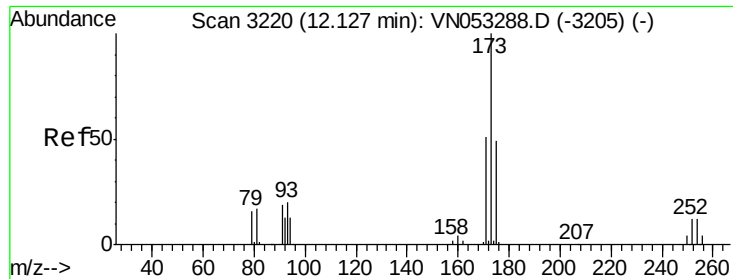
Tgt Ion:106 Resp: 2707847
Ion Ratio Lower Upper
106 100
91 212.0 106.8 320.4



#70
Styrene
Concen: 155.616 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion:104 Resp: 4517190
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.5 44.5 66.7





#71

Bromoform

Concen: 157.707 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

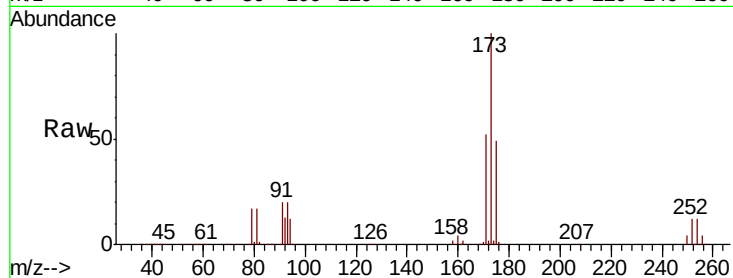
Tgt Ion:173 Resp: 1121136

Ion Ratio Lower Upper

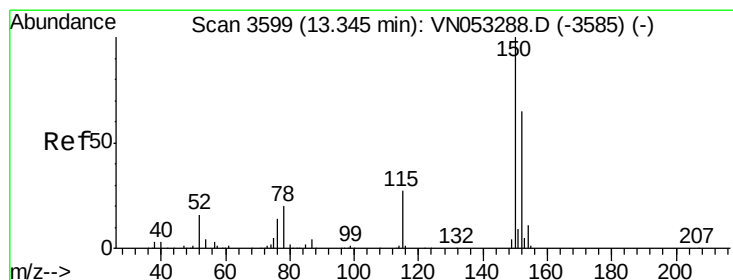
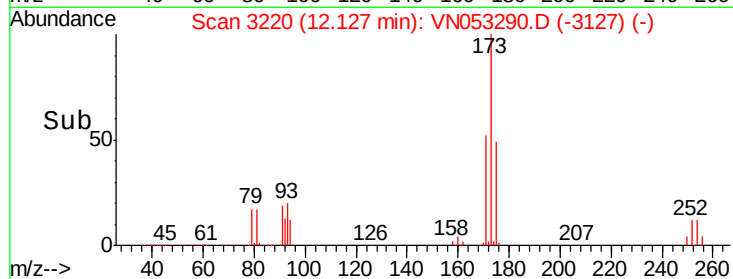
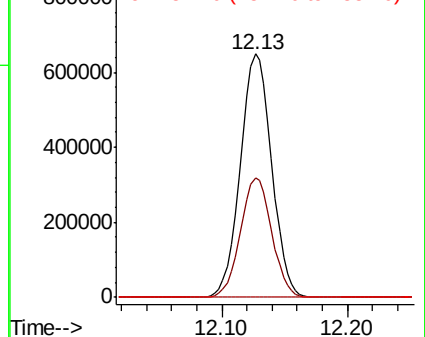
173 100

175 49.0 24.3 72.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

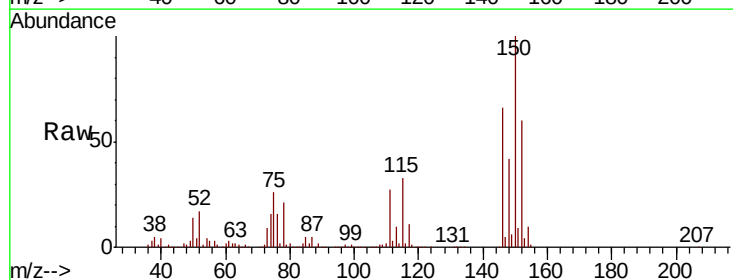
Tgt Ion:152 Resp: 633083

Ion Ratio Lower Upper

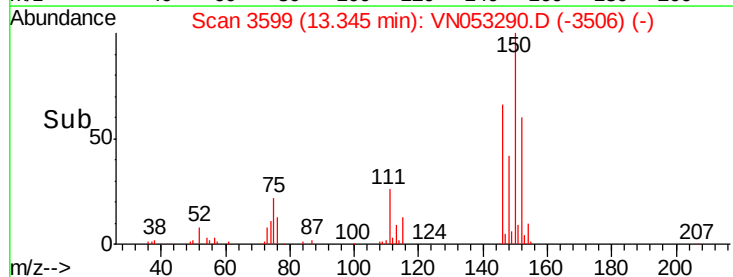
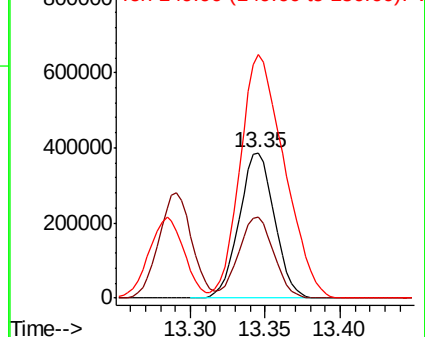
152 100

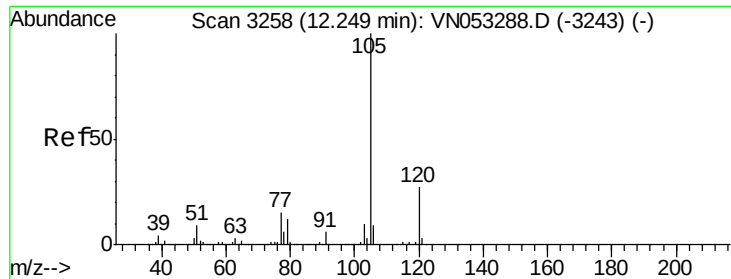
115 55.6 28.0 84.0

150 210.5 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 143.527 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

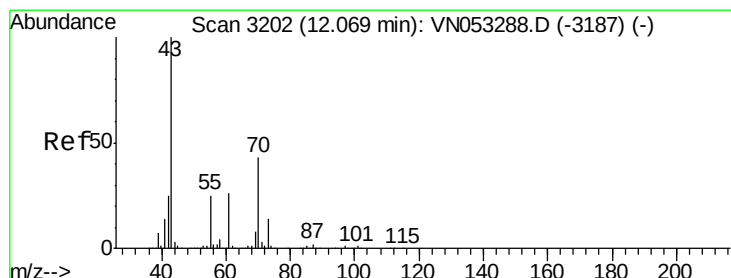
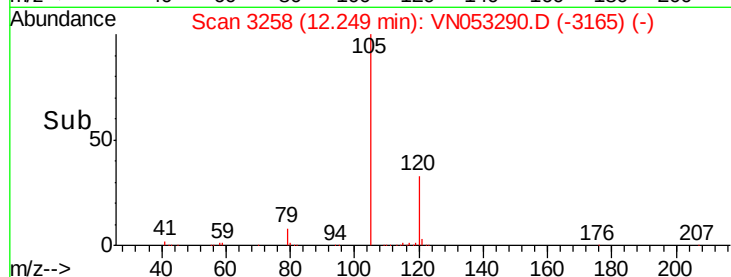
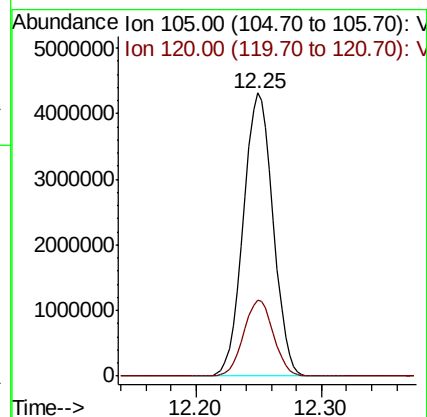
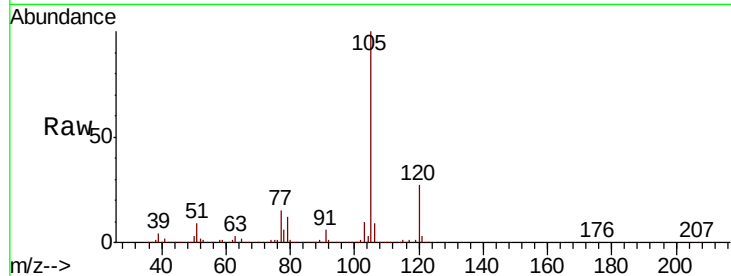
VSTDIC150

Tgt Ion:105 Resp: 7096083

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 158.478 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Tgt Ion: 43 Resp: 2200529

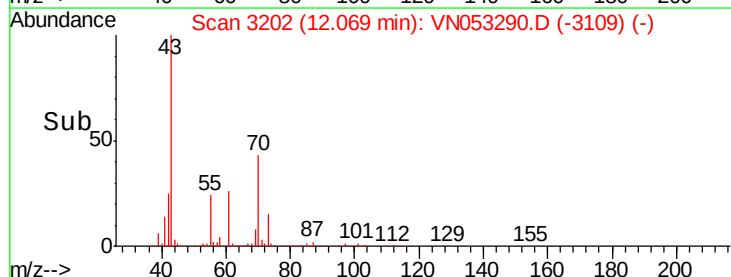
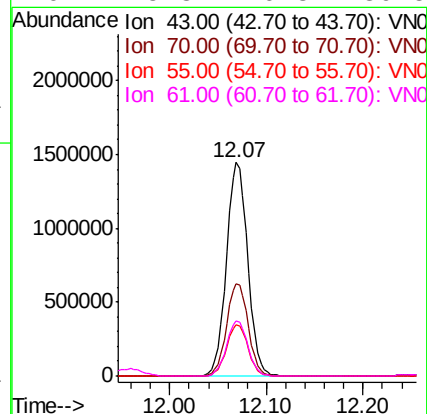
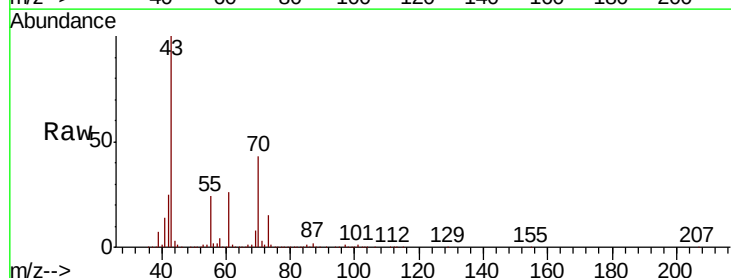
Ion Ratio Lower Upper

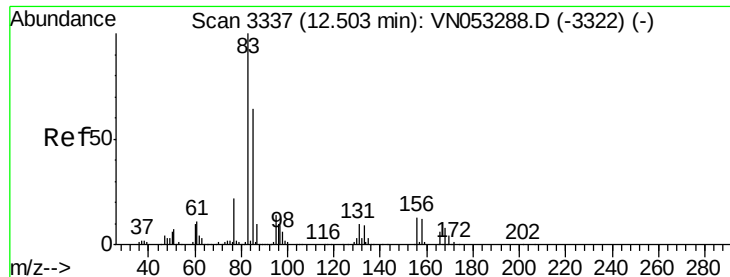
43 100

70 43.9 35.0 52.6

55 24.3 20.0 30.0

61 25.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 158.424 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

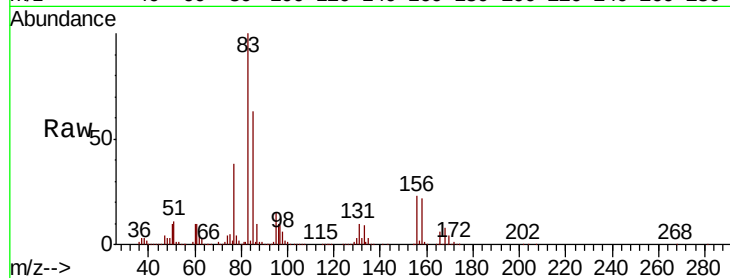
Tgt Ion: 83 Resp: 1576861

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

85 63.7 32.3 96.8

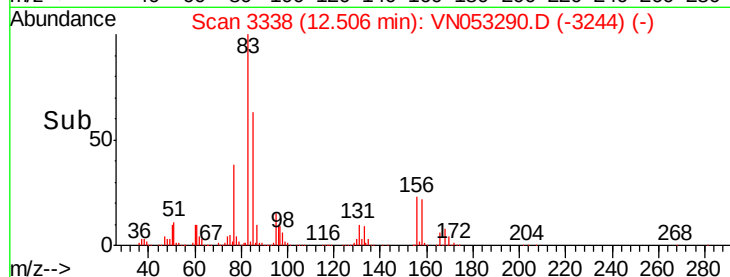


Abundance Ion 82.90 (82.60 to 83.60): VN053288.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN053288.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN053288.D (-3322) (-)

Time-->

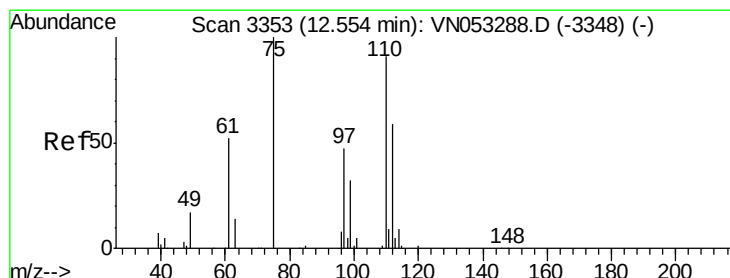


Abundance Ion 82.90 (82.60 to 83.60): VN053290.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053290.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053290.D (-3244) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 209.775 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053290.D

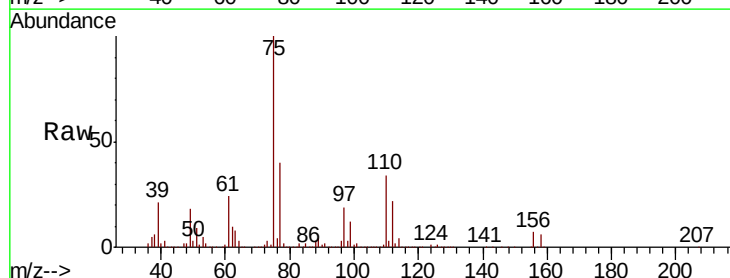
Acq: 4 Jan 2019 19:29

Tgt Ion: 75 Resp: 2192395

Ion Ratio Lower Upper

75 100

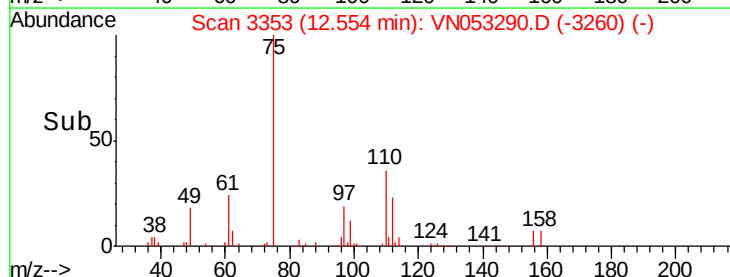
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053288.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN053288.D (-3348) (-)

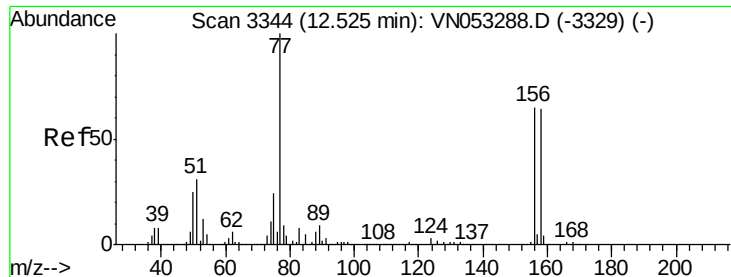
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VN053290.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053290.D (-3260) (-)

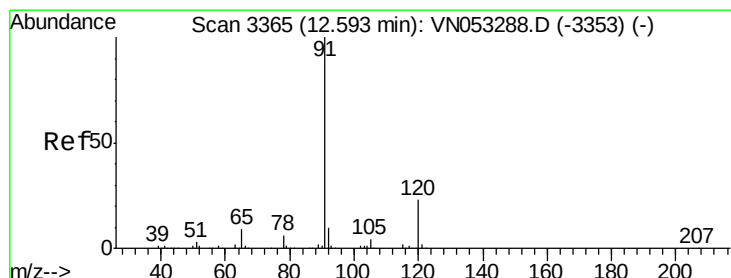
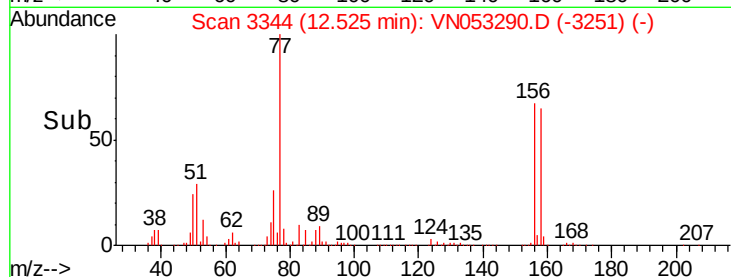
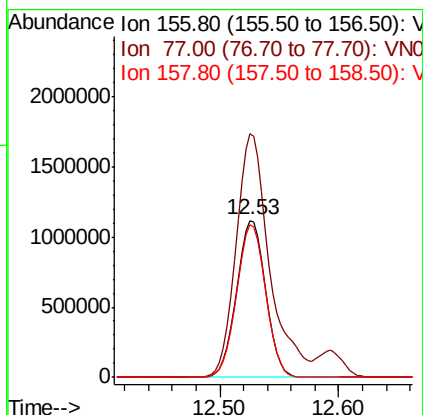
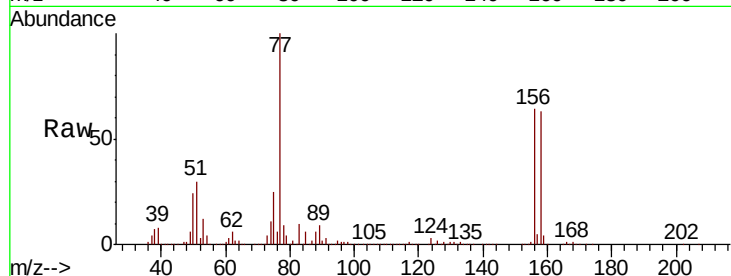
Time-->



#77
Bromobenzene
Concen: 146.767 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

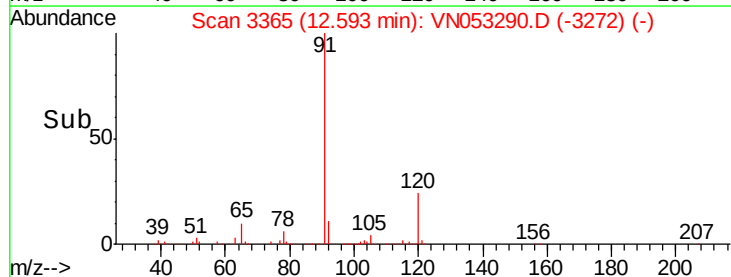
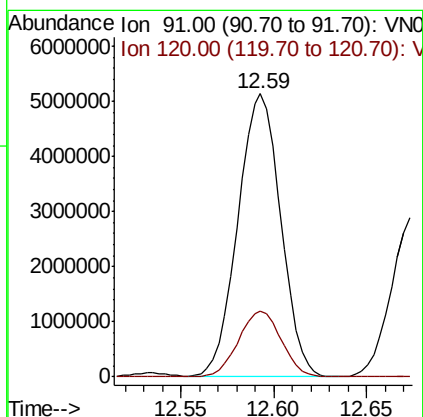
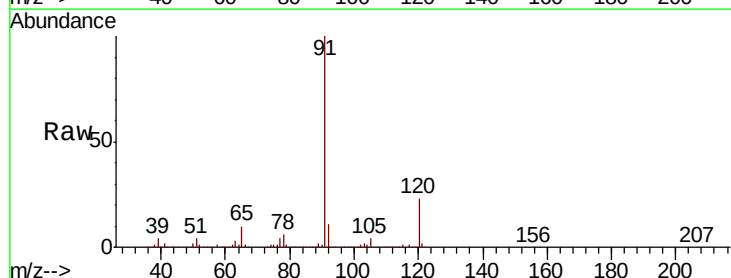
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

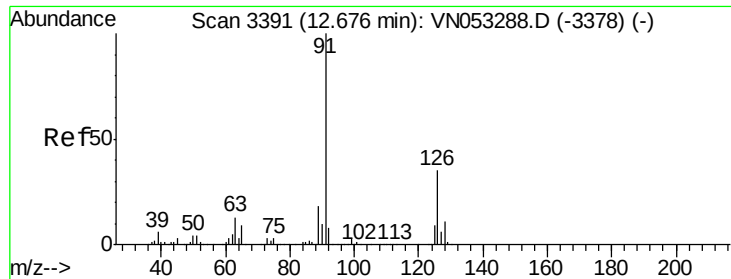
Tgt Ion:156 Resp: 1889131
Ion Ratio Lower Upper
156 100
77 179.3 89.3 268.1
158 97.3 48.9 146.8



#78
n-propylbenzene
Concen: 145.867 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053290.D
Acq: 4 Jan 2019 19:29

Tgt Ion: 91 Resp: 8211221
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.5

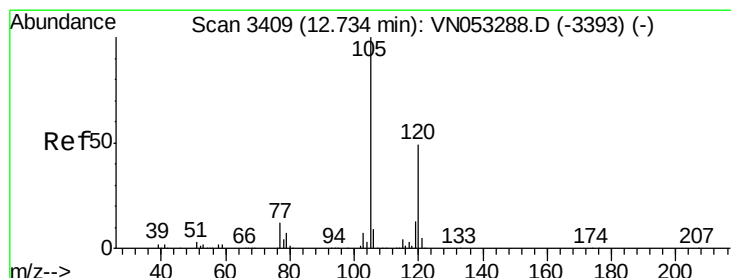
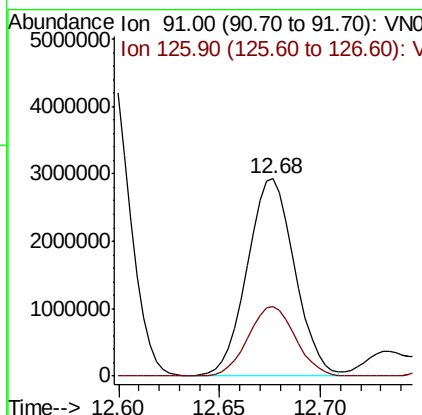
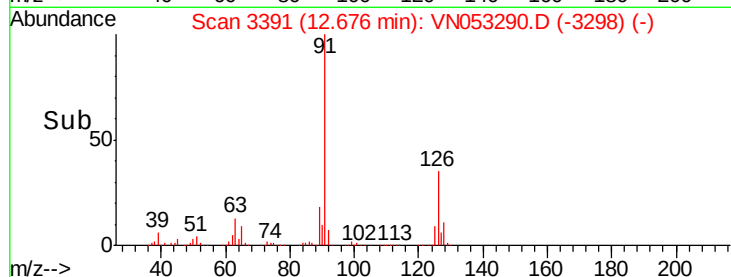
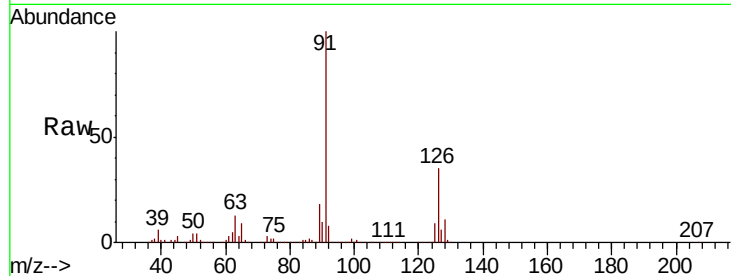




#79
 2-Chlorotoluene
 Concen: 137.857 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

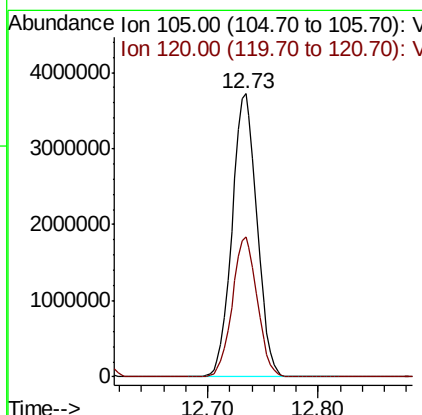
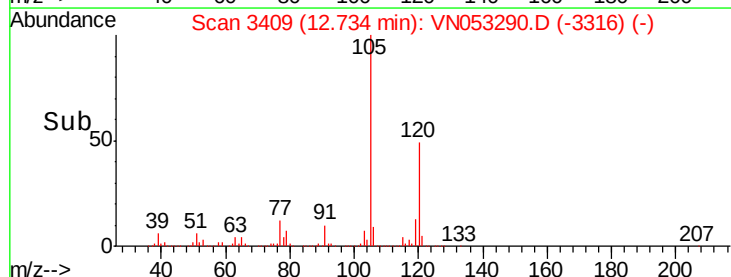
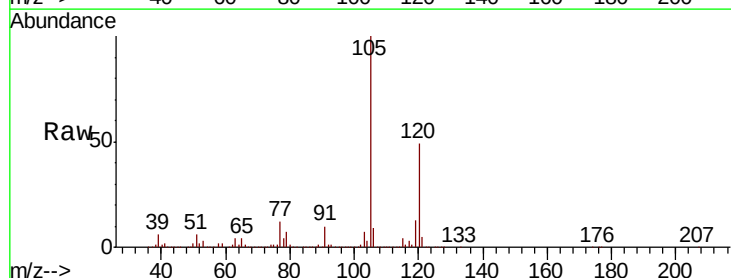
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

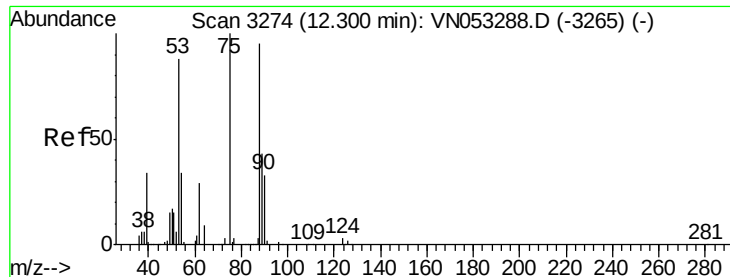
Tgt Ion: 91 Resp: 4813212
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 144.684 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Tgt Ion: 105 Resp: 5823739
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 163.802 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

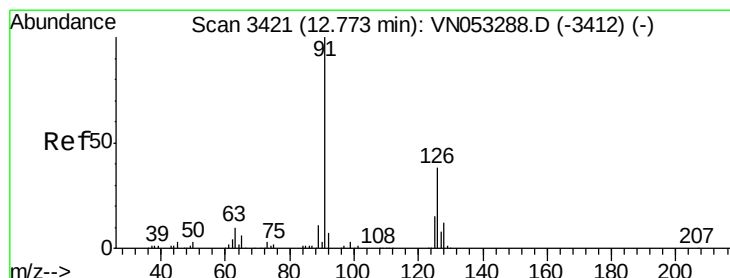
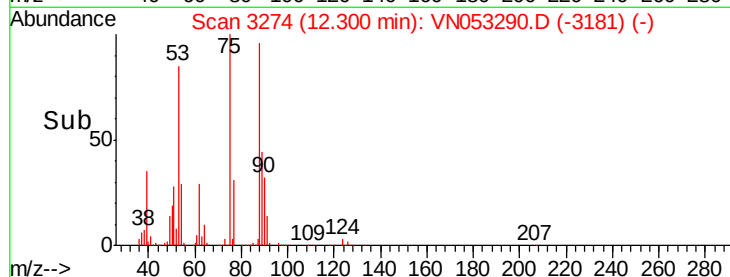
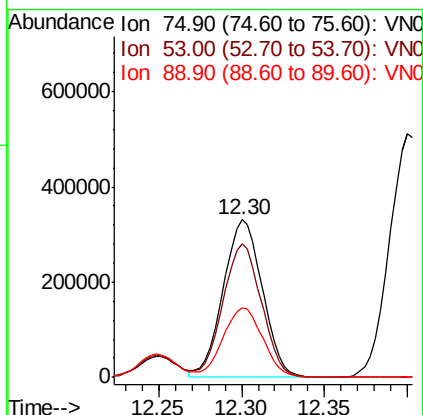
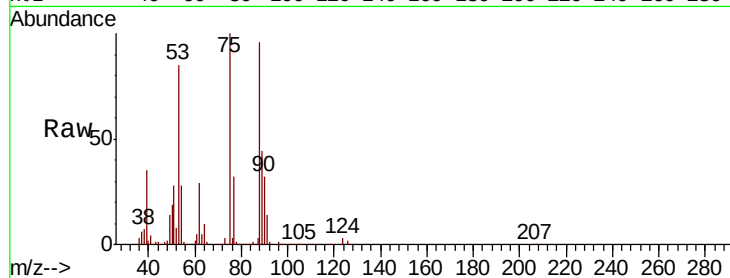
Tgt Ion: 75 Resp: 540577

Ion Ratio Lower Upper

75 100

53 84.1 70.5 105.7

89 45.0 35.4 53.0



#82

4-Chlorotoluene

Concen: 147.052 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053290.D

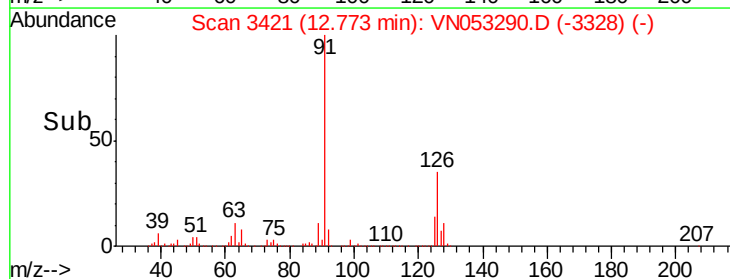
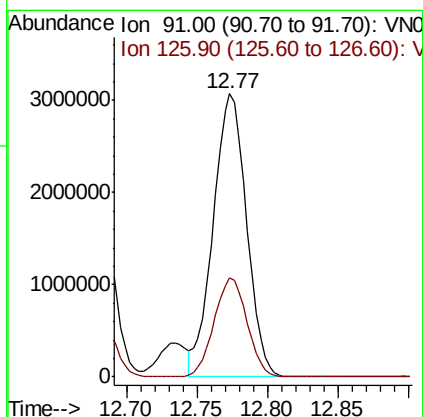
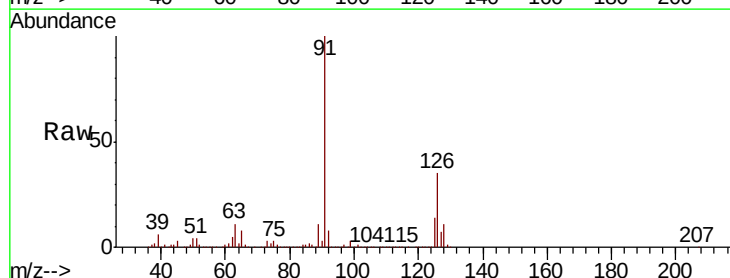
Acq: 4 Jan 2019 19:29

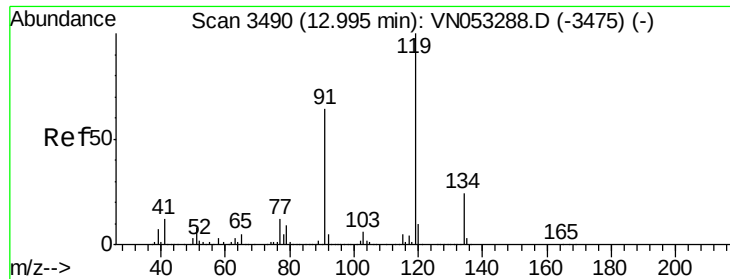
Tgt Ion: 91 Resp: 5029155

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2

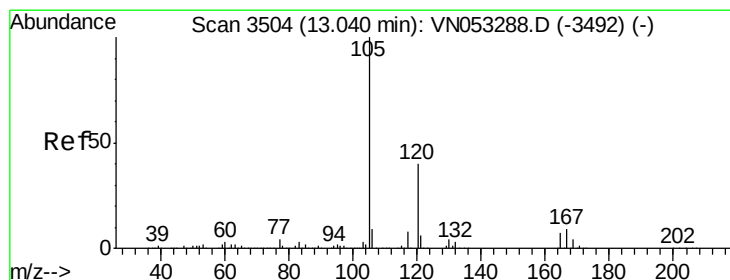
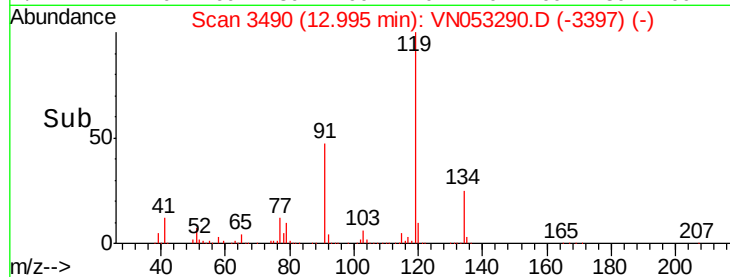
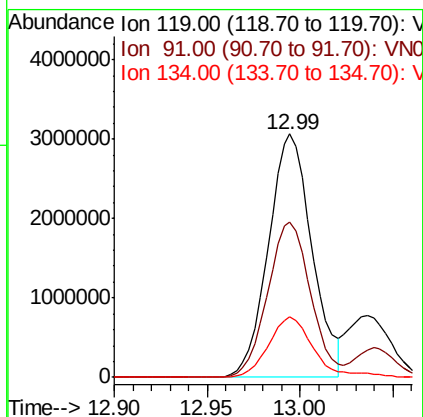
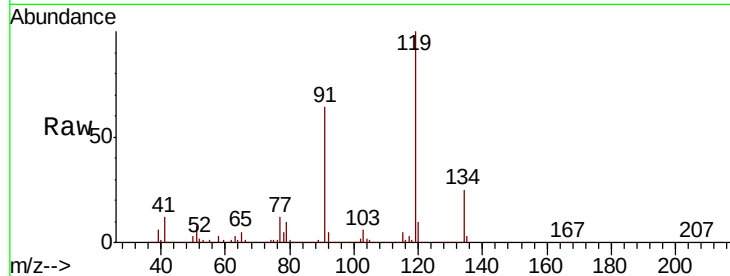




#83
 tert-Butylbenzene
 Concen: 141.320 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

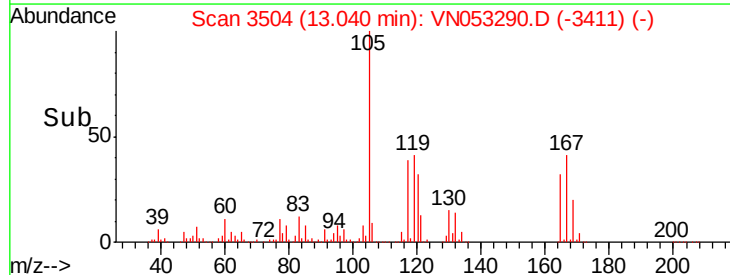
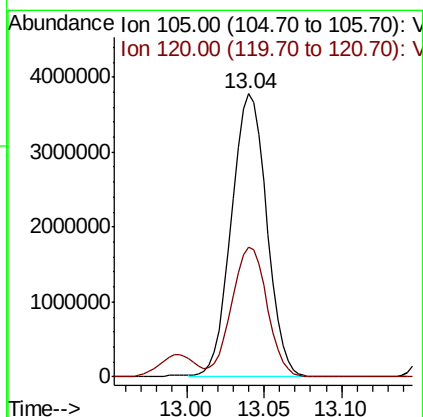
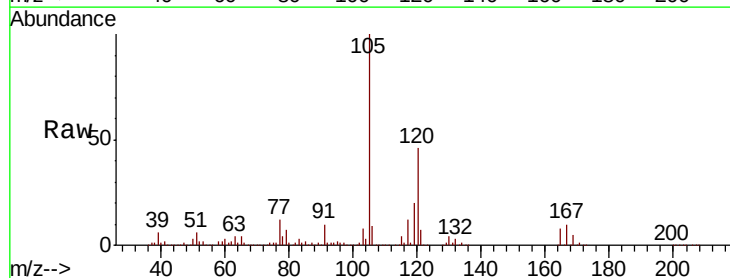
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

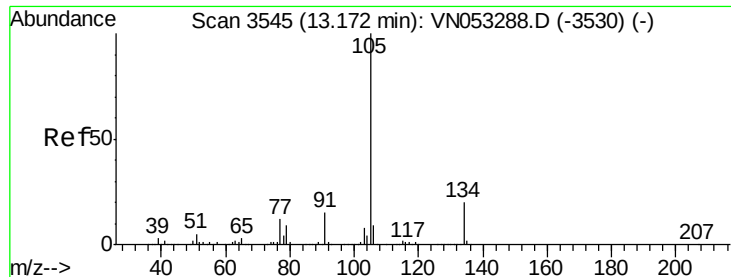
Tgt Ion:119 Resp: 5023915
 Ion Ratio Lower Upper
 119 100
 91 63.1 31.6 95.0
 134 25.8 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 147.891 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Tgt Ion:105 Resp: 5987344
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 141.274 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

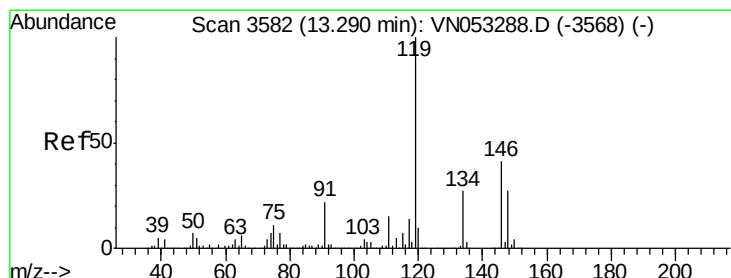
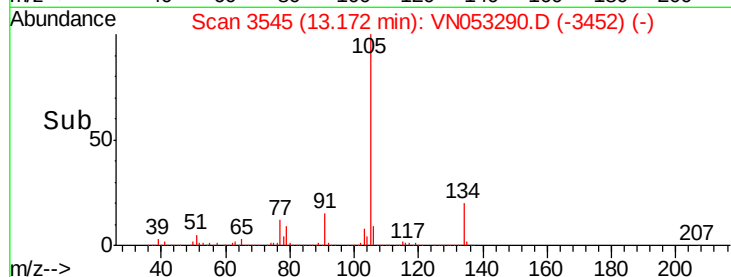
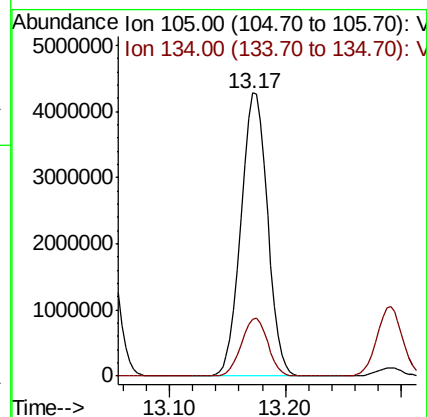
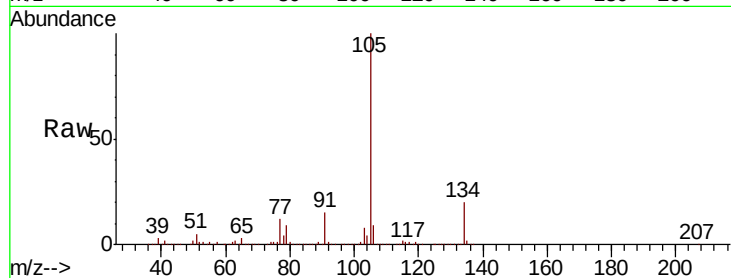
VSTDIC150

Tgt Ion:105 Resp: 6779222

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 145.271 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

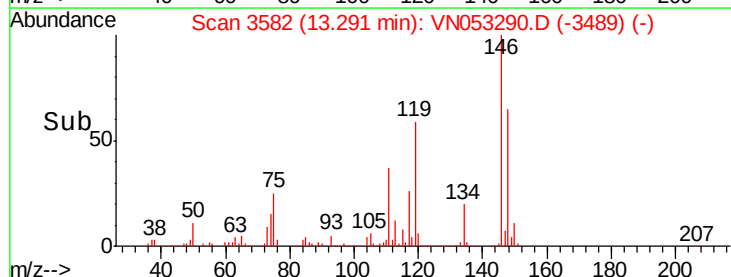
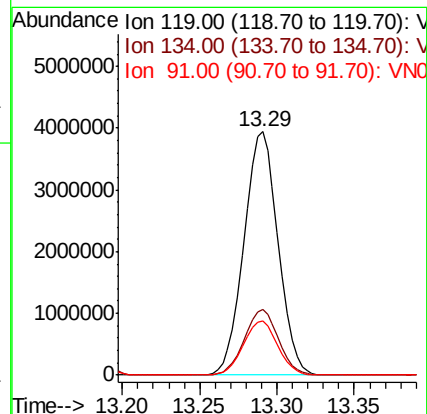
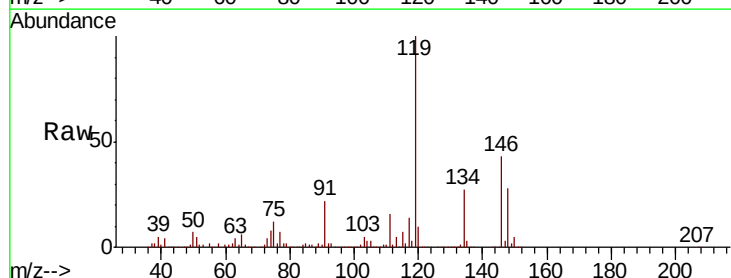
Tgt Ion:119 Resp: 6024014

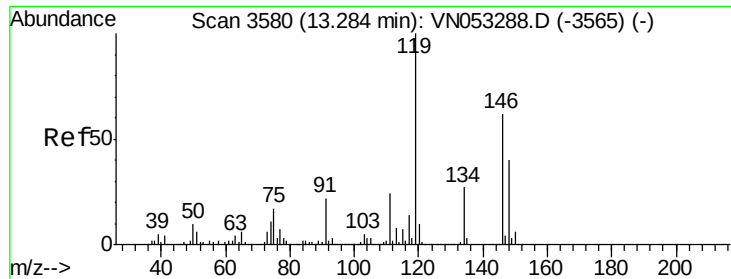
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.2 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 147.344 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

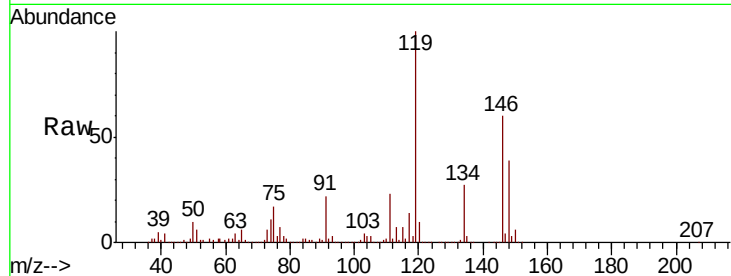
Tgt Ion:146 Resp: 3351505

Ion Ratio Lower Upper

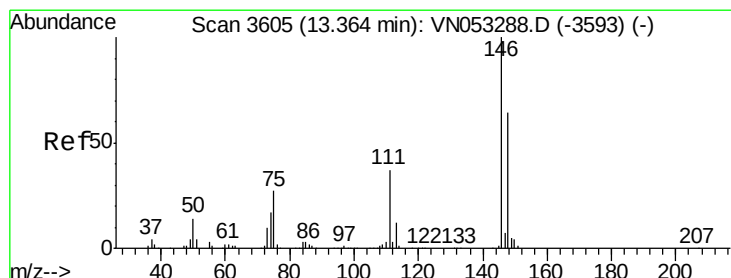
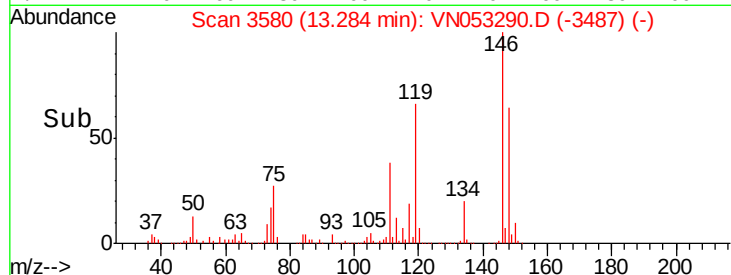
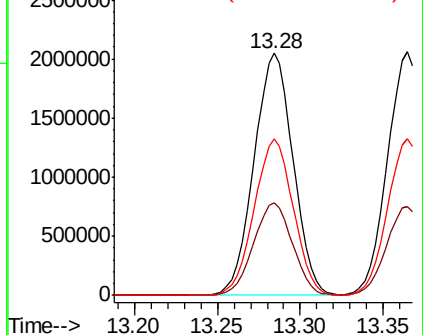
146 100

111 38.1 18.9 56.5

148 64.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 144.077 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

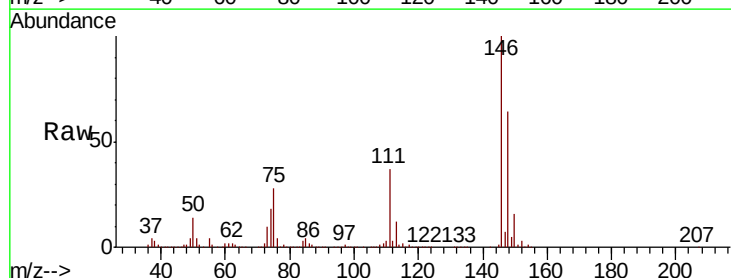
Tgt Ion:146 Resp: 3321445

Ion Ratio Lower Upper

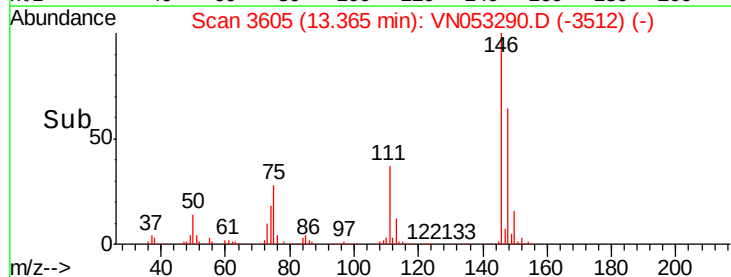
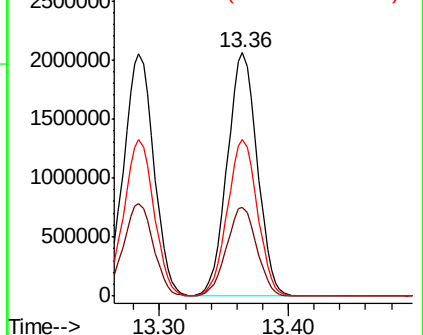
146 100

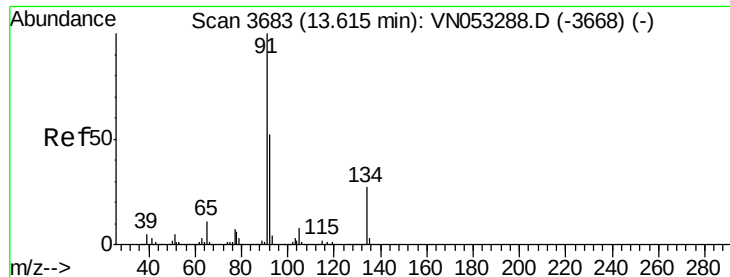
111 36.7 18.6 55.8

148 64.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 144.973 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

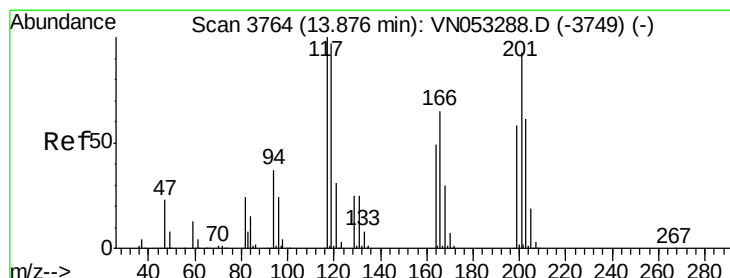
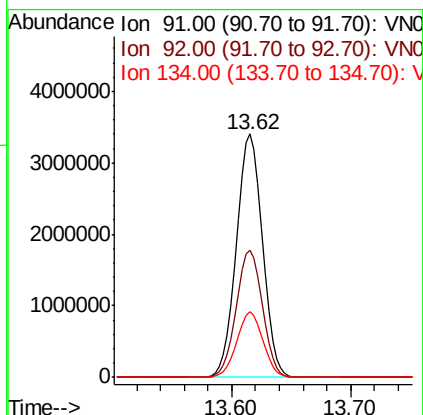
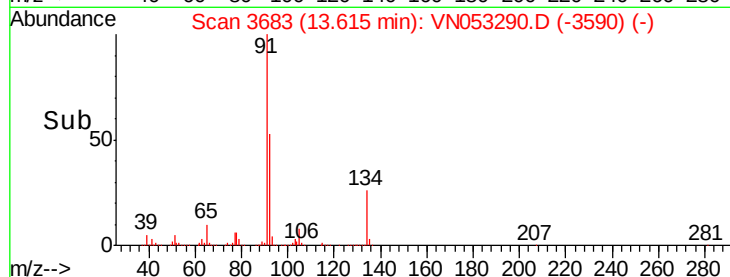
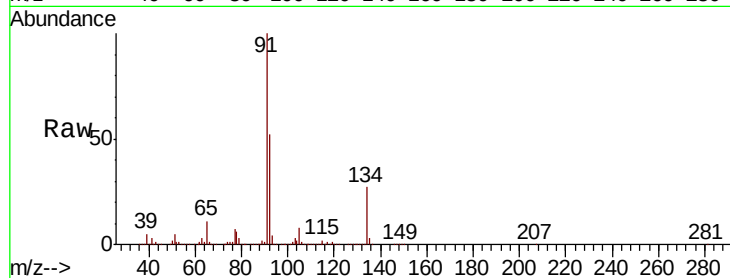
Tgt Ion: 91 Resp: 5162065

Ion Ratio Lower Upper

91 100

92 52.7 26.3 78.8

134 26.9 13.5 40.5



#90

Hexachloroethane

Concen: 159.971 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053290.D

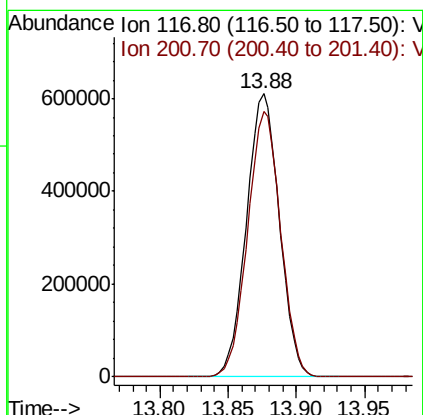
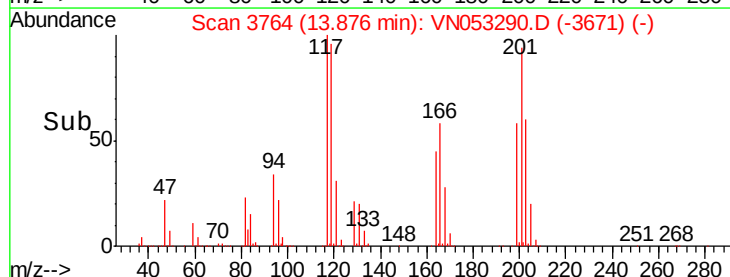
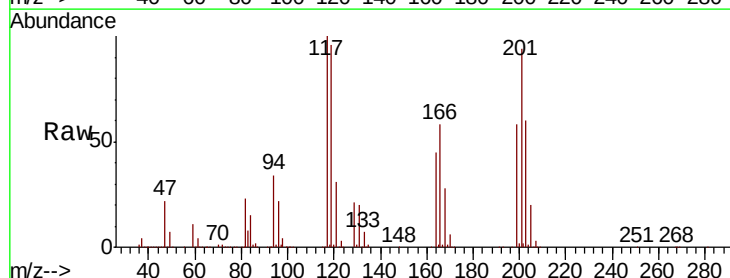
Acq: 4 Jan 2019 19:29

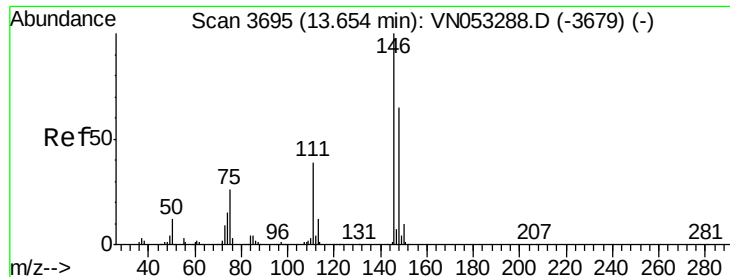
Tgt Ion: 117 Resp: 1023527

Ion Ratio Lower Upper

117 100

201 93.9 46.1 138.3

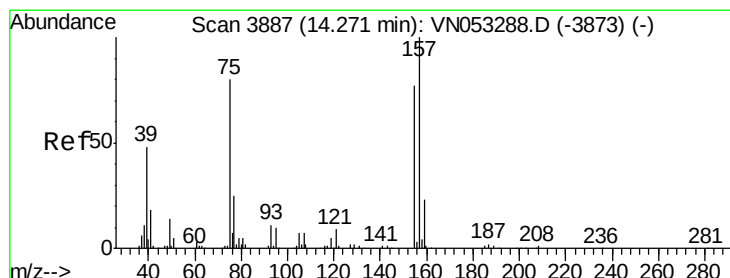
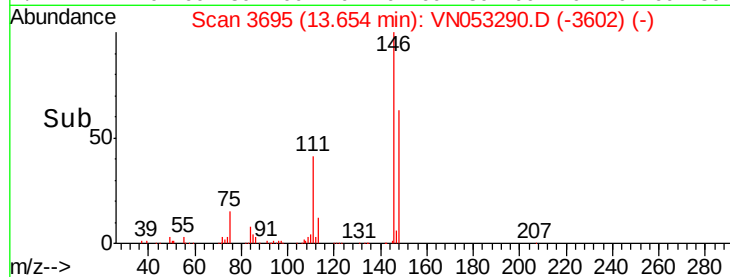
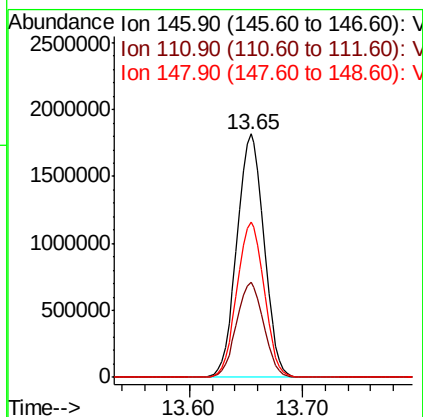
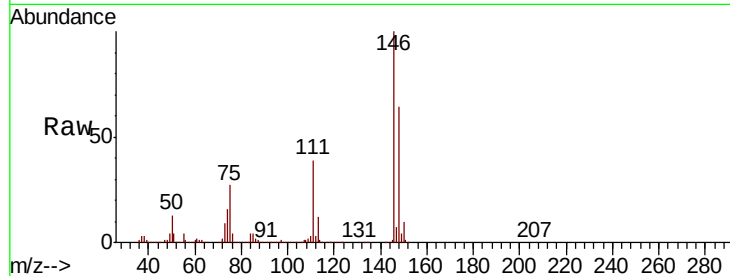




#91
 1,2-Dichlorobenzene
 Concen: 141.963 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

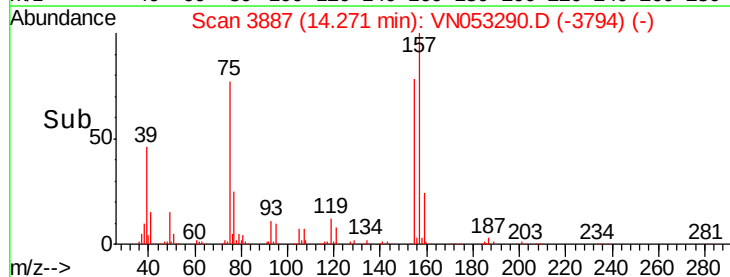
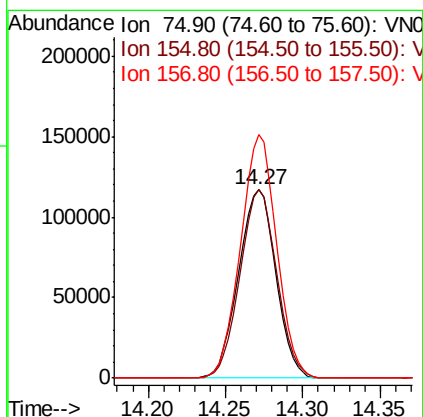
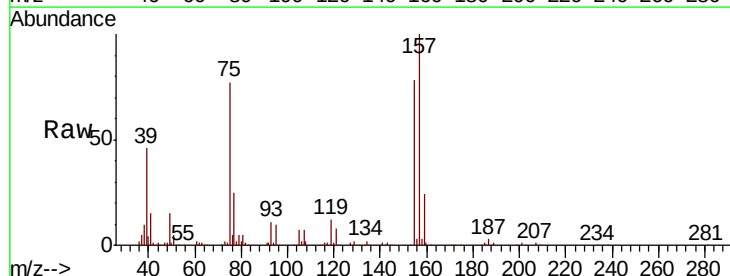
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

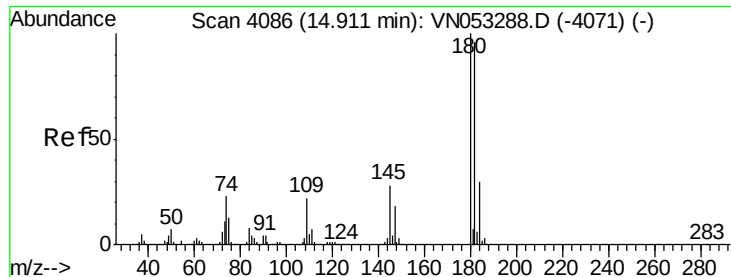
Tgt Ion:146 Resp: 3041937
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.2
 148 64.2 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 120.278 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Tgt Ion: 75 Resp: 196788
 Ion Ratio Lower Upper
 75 100
 155 98.6 48.1 144.3
 157 124.9 61.5 184.4

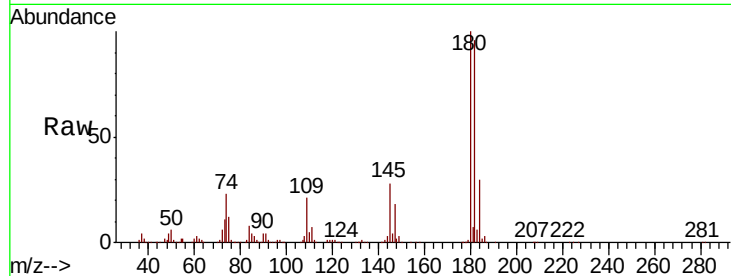




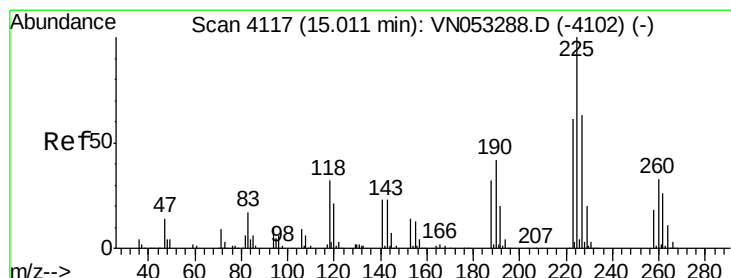
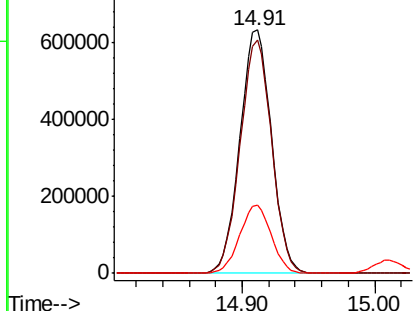
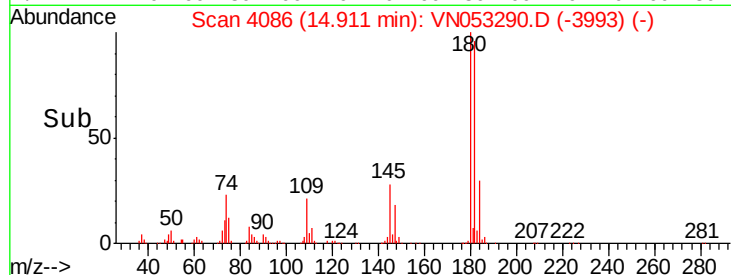
#93
 1,2,4-Trichlorobenzene
 Concen: 86.556 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1043991
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.4
 145 28.0 14.4 43.0

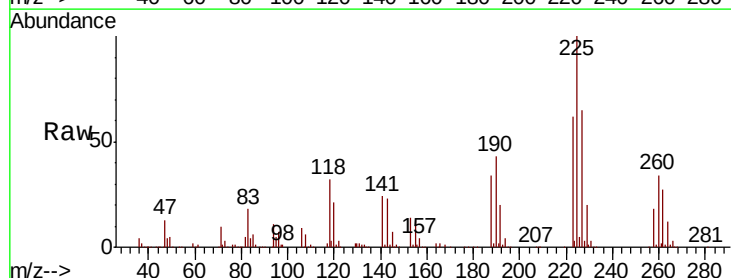


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

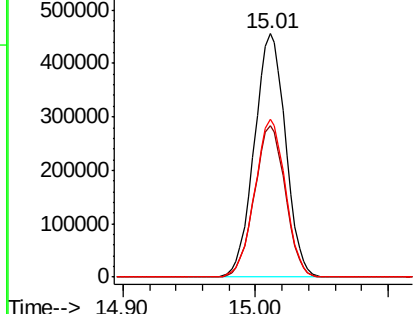
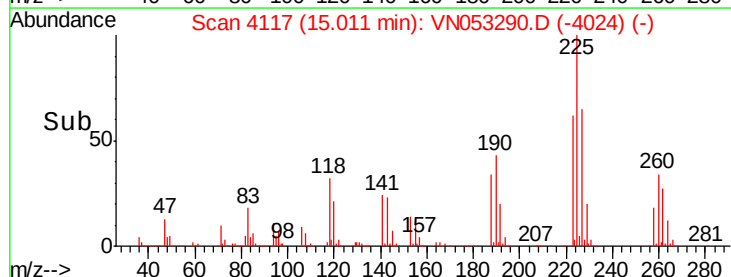


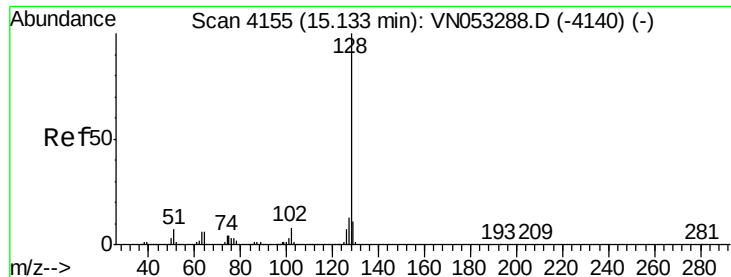
#94
 Hexachlorobutadiene
 Concen: 102.399 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053290.D
 Acq: 4 Jan 2019 19:29

Tgt Ion:225 Resp: 747677
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.8
 227 63.9 31.4 94.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 71.639 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Instrument :

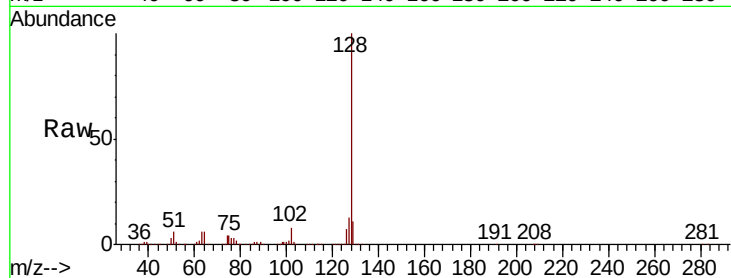
MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 1874150

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.7	13.1

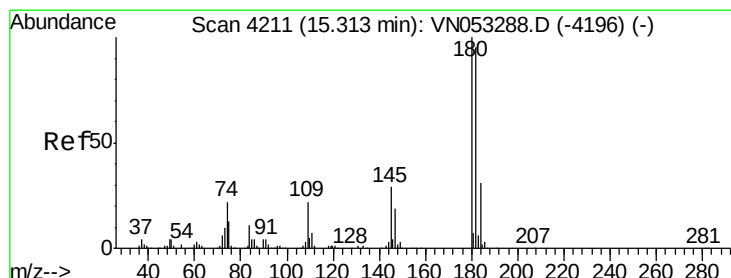
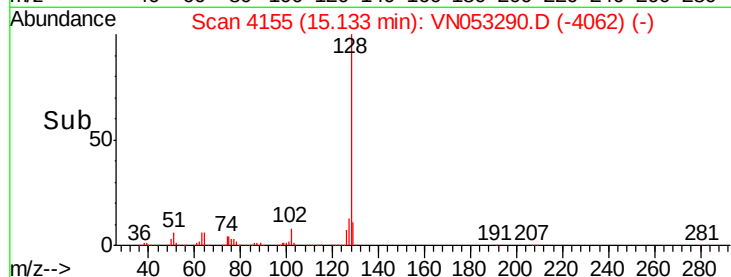
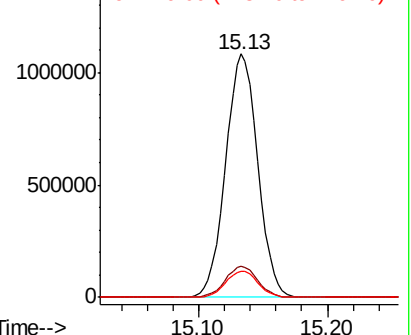


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 63.088 ug/l

RT: 15.32 min Scan# 4212

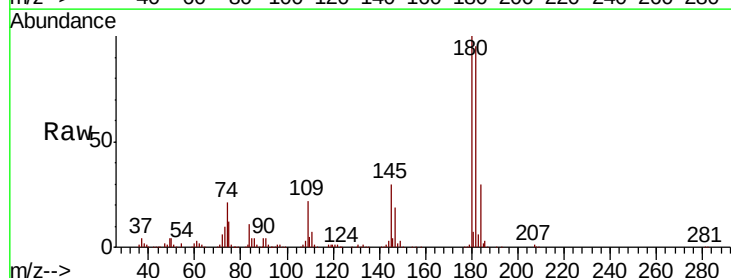
Delta R.T. 0.00 min

Lab File: VN053290.D

Acq: 4 Jan 2019 19:29

Tgt Ion:180 Resp: 691275

Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.0
145	29.9	14.9	44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

